



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: April 11, 2008

RE: The Braun Corporation / 131-25888-00017

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this permit modification is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of a Title V operating permit or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
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Thomas W. Easterly
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100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

Mr. John Bawcum
The Braun Corporation
623 W. 11th Street
Winimac, Indiana 46996

April 11, 2008

Re: 131-25888-00017
First Minor Permit Modification to:
Part 70 Operating Permit Renewal
No.: T131-17702-00017

Dear Mr. Bawcum:

The Braun Corporation was issued Part 70 Operating Permit Renewal T131-17702-00017 on October 30, 2007 for a motor vehicle conversion plant. An application to modify the source was received on January 2, 2008. Pursuant to the provisions of 326 IAC 2-7-12, a minor permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The proposed modifications consist of the relocation of the manufacturing line described as Bus/ParaTransit Line No. 1 from Plant 4 into the new building Plant 6, the conversion of Plant 4, Bus/ParaTransit Van Line No. 2 manufacturing line into EnterVan Line No. 3, and the addition of two (2) new surface coating facilities to the EnterVan Line No. 3.

Upon further review, IDEM, OAQ has decided to revise Condition C.15 of the existing permit which requires the Permittee, pursuant to 326 IAC 2-6-3(b)(2), to submit an Emission Statement starting in 2005 and every three (3) years thereafter. This condition should cite 326 IAC 2-6-3(b)(1) since the source is located in Pulaski County.

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

Pursuant to Contract No. A305-5-65, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Bryan Lange, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7854 to speak directly to Mr. Lange. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana, 46204-2251, or call (800) 451-6027 and ask for Duane Van Laningham or extension 3-6878, or dial (317) 233-6878.

Sincerely/Original Signed By:

Matthew Stuckey, Deputy Branch Chief
Permits Branch
Office of Air Quality

Attachments

ERG/BL

cc: File – Pulaski County
Pulaski County Health Department
Air Compliance Section Inspector
Compliance Data Section
Administrative and Development
Billing, Licensing and Training Section



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Indianapolis, Indiana 46204-2251
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PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**The Braun Corporation
623 W. 11th Street
Winamac, Indiana 46996**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70, Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T131-17702-00017	
Issued by: Original Signed by Nisha Sizemore, Chief, Permits Branch, Office of Air Quality	Issuance Date: October 30, 2007
	Expiration Date: October 30, 2012

First Minor Permit Modification 131-25888-00017	
Issued by/Original Signed By:	Issuance Date: April 11, 2008
Matthew Stuckey, Deputy Branch Chief Permits Branch Office of Air Quality	Expiration Date: October 30, 2012

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a motor vehicle conversion plant.

Source Address:	623 W. 11th Street, Winamac, Indiana 46996
Mailing Address:	623 W. 11th Street, Winamac, Indiana 46996
General Source Phone Number:	219-946-6153
SIC Code:	3711
County Location:	Pulaski
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

Four (4) surface coating facilities and assembly area in Plant 6, described as follows:

- (a) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, transferred to Plant 6 in 2008, consisting of the following:
 - (1) One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID P6Prime, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) Undercoating Operation, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.
 - (4) One (1) priming booth, identified as Para/Prime No. 1, exhausting through Stack/Vent IDs P6Finish1 and P6Finish2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.

Nine (9) surface coating facilities and assembly areas in Plant 4, described as follows:

- (a) One (1) manufacturing line, identified as EnterVan Line No. 1, constructed in 1993, consisting of the following:
 - (1) One (1) assembly area, identified as Enter/Assem. No. 1, exhausting inside,

- utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
- (2) Refinishing surface coating operations, identified as Enter/Ref. No. 1, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) undercoating area, identified as Enter/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- (b) One (1) manufacturing line, identified as EnterVan Line No. 2, constructed in 1993, consisting of the following:
- (1) One (1) assembly area, identified as Enter/Assem. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) Refinishing surface coating operations, identified as Enter/Ref. No. 2, consisting of one (1) paint booth and one (1) primer booth, exhausting through Stack/Vent ID Enter 2, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) undercoating area, identified as Enter/Un. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- (c) One (1) manufacturing line, identified as EnterVan Line No. 3, approved for construction in 2008, consisting of the following:
- (1) One (1) assembly area, identified as Enter/Assem. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) Refinishing surface coating operations, identified as Enter/Ref. No. 3, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) undercoating area, identified as Enter/Un. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Two (2) cold cleaner degreasing operations using solvent that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (b) One (1) natural gas-fired burn-off oven at Plant 3, equipped with two (2) burners, constructed

in 1991, burning powder coating off of racks, capacity: 8.0 pounds powder coat per hour, heat input capacity: 1.56 million British thermal units per hour. [326 IAC 4-2-2] [326 IAC 9-1-2]

- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]
- (d) The following surface coating operations:
 - (1) Touch-Up Booth No. 1 at Plant 4. [326 IAC 2-2]
 - (2) Touch-Up Booth No. 2 at Plant 4. [326 IAC 2-2]
 - (3) Powder Coating at Plant 3. [326 IAC 2-2]

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 Permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5] [326 IAC 2-7-4(a)(1)(D)] [IC 13-15-3-6(a)]

- (a) This permit, T 131-17702-00017, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by the "responsible official" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) The "responsible official" is defined at 326 IAC 2-7-1(34).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
 - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
 - (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either

the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5] [326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T 131-17702-00017 and issued pursuant to permitting programs approved into the state implementation plan have been either:

- (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1 (21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12] [40 CFR 72]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11 (c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11 (c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than one hundred (100) pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed five hundred fifty-one thousandths (0.551) pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least two hundred sixty (260) linear feet on pipes or one hundred sixty (160) square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least seventy-five hundredths (0.75) cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.7 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.9 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.11 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on January 5, 2000.
- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.12 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.13 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.

- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.15 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

- (a) Pursuant to 326 IAC 2-6-3(b)(1), starting in 2004 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
 - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
 - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other

means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

C.16 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.17 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Surface Coating Areas

Four (4) surface coating facilities and assembly area in Plant 6, described as follows:

- (a) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, transferred to Plant 6 in 2008, consisting of the following:
 - (1) One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID P6Prime, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) Undercoating Operation, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.
 - (4) One (1) priming booth, identified as Para/Prime No. 1, exhausting through Stack/Vent IDs P6Finish1 and P6Finish2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.

Nine (9) surface coating facilities and assembly areas in Plant 4, described as follows:

- (a) One (1) manufacturing line, identified as EnterVan Line No. 1, constructed in 1993, consisting of the following:
 - (1) One (1) assembly area, identified as Enter/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) Refinishing surface coating operations, identified as Enter/Ref. No. 1, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) undercoating area, identified as Enter/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- (b) One (1) manufacturing line, identified as EnterVan Line No. 2, constructed in 1993, consisting of the following:
 - (1) One (1) assembly area, identified as Enter/Assem. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) Refinishing surface coating operations, identified as Enter/Ref. No. 2, consisting of one (1) paint booth and one (1) primer booth, exhausting through Stack/Vent ID Enter 2, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility

operates independently of all other refinishing surface coating facilities.

(3) One (1) undercoating area, identified as Enter/Un. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.

(c) One (1) manufacturing line, identified as EnterVan Line No. 3, approved for construction in 2008, consisting of the following:

(1) One (1) assembly area, identified as Enter/Assem. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.

(2) Refinishing surface coating operations, identified as Enter/Ref. No. 3, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.

(3) One (1) undercoating area, identified as Enter/Un. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas

Insignificant Activities:

(a) Two (2) cold cleaner degreasing operations using solvent that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]

(d) The following surface coating operations:

(1) Touch-Up Booth No. 1 at Plant 4. [326 IAC 2-2]

(2) Touch-Up Booth No. 2 at Plant 4. [326 IAC 2-2]

(3) Powder Coating at Plant 3. [326 IAC 2-2]

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9, the owner or operator shall not allow the discharge into the atmosphere VOC in excess of three and five-tenths (3.5) per gallon of coating, excluding water, as delivered to the applicator for extreme performance coatings.

D.1.2 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of The eight (8) surface coating booths, identified as Enter/Assem. No. 1, Enter/Un. No. 1, Enter/Assem. No. 2, Enter/Un. No. 2, Para/Assem. No. 1, Para/Un. No. 1, Enter/Assem. No. 3 and Enter/Un. No. 3 during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.1.4 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:

- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
- (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
- (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

- (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.1.5 Hazardous Air Pollutants (HAPs) Limitations [40 CFR 63, Subpart M]

- (a) The total usage of each individual HAP at the coating operations, degreasing operations and miscellaneous solvent usage, shall be limited to less than a total of 9.63 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (b) The total usage of any combination of HAPs at the coating operations, degreasing operations and miscellaneous solvent usage, shall be limited to less than a total of 24.3 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these limits shall ensure that the source is an area source for HAPs, including the unrestricted potential to emit HAPs from all other facilities at the source, and shall render the requirements of the NESHAP 40 CFR 63, Subpart M, not applicable to the source.

D.1.6 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the twelve (12) surface coating facilities and assembly areas, identified as Enter/Assem. No. 1, Enter/Ref. No. 1, Enter/Un. No. 1, Enter/Assem. No. 2, Enter/Ref. No. 2, Enter/Un. No. 2, Para/Assem. No. 1, Para/Ref. 1, Para/Un. No. 1, Enter/Assem. No. 3, Enter/Ref. No. 3 and Enter/Un. No. 3, shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications

D.1.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the twelve (12) surface coating facilities and assembly areas, identified as Enter/Assem. No. 1, Enter/Ref. No. 1, Enter/Un. No. 1, Enter/Assem. No. 2, Enter/Ref. No. 2, Enter/Un. No. 2, Para/Assem. No. 1, Para/Ref. 1, Para/Un. No. 1, Enter/Assem. No. 3, Enter/Ref. No. 3 and Enter/Un. No. 3, and their control devices.

Compliance Determination Requirements

D.1.8 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.5

shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.9 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (Enter 1, Enter 2, Para 1 and Enter 3) while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stacks and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emissions, or when evidence of overspray emissions is observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.10 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.1 and D.1.5, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAPs usage limits and the VOC and HAPs emission limits established in Conditions D.1.1 and D.1.5. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.
 - (1) The VOC and HAPs content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (3) The cleanup solvent usage for each month;
 - (4) The total individual and combined HAPs usage for each month; and
 - (5) The weight of individual and combined HAPs emitted for each compliance period.
- (b) To document compliance with Condition D.1.9, the Permittee shall maintain a log of weekly overspray observations and monthly inspections.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.11 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.5 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

- (b) One (1) natural gas-fired burn-off oven at Plant 3, equipped with two (2) burners, constructed in 1991, burning powder coating off of racks, capacity: 8.0 pounds powder coat per hour, heat input capacity: 1.56 million British thermal units per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Incinerator [326 IAC 4-2-2]

Pursuant to 326 IAC 4-2-2, the one (1) natural gas-fired burn-off oven, shall:

- (a) Consist of primary and secondary chambers or the equivalent.
- (b) Be equipped with a primary burner unless burning only wood products.
- (c) Comply with 326 IAC 5-1 and 326 IAC 2.
- (d) Be maintained, operated, and burn waste in accordance with the manufacturer's specifications or an operation and maintenance plan as specified in subsection (c).
- (e) Not emit particulate matter in excess of five-tenths (0.5) pound of particulate matter per one thousand (1,000) pounds of dry exhaust gas under standard conditions corrected to fifty percent (50%) excess air for incinerators with solid waste capacity less than two hundred (200) pounds per hour.

D.2.2 Carbon Monoxide [326 IAC 9-1-2]

Pursuant to 326 IAC 9-1-2(a)(3), the Permittee shall not operate a refuse incinerator or refuse burning equipment unless the waste gas stream is burned in a direct-flame afterburner or secondary chamber.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: The Braun Corporation
Source Address: 623 W. 11th Street, Winamac, Indiana 46996
Mailing Address: 623 W. 11th Street, Winamac, Indiana 46996
Part 70 Permit No.: T 131-17702-00017

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify) _____
- Report (specify) _____
- Notification (specify) _____
- Affidavit (specify) _____
- Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: The Braun Corporation
Source Address: 623 W. 11th Street, Winamac, Indiana 46996
Mailing Address: 623 W. 11th Street, Winamac, Indiana 46996
Part 70 Permit No.: T 131-17702-00017

This form consists of 2 pages

Page 1 of 2

<input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and C The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.
--

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: The Braun Corporation
 Source Address: 623 West 11th Street, Winamac, Indiana 46996
 Mailing Address: 623 West 11th Street, Winamac, Indiana 46996
 Part 70 Permit No.: T 131-17702-00017
 Facilities: Coating operations at EnterVan Line No. 1, EnterVan Line No. 2, Bus/ParaTransit Line No. 1, EnterVan Line No. 3, Touch Up Booth/Oven No. 1, Touch Up Booth/ Oven No. 2, and Powder Coating at Plant 3, degreasing operations and solvent usage.
 Parameter: Worst case of any individual HAP usage.
 Limit: Less than a total of 9.63 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: _____

Month	Individual HAP Usage (tons)	Individual HAP Usage (tons)	Individual HAP Usage (tons)
	This Month	Previous 11 Months	12 Month Total

- No deviation occurred in this month.
- Deviation/s occurred in this month.
 Deviation has been reported on _____

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: The Braun Corporation
 Source Address: 623 West 11th Street, Winamac, Indiana 46996
 Mailing Address: 623 West 11th Street, Winamac, Indiana 46996
 Part 70 Permit No.: T 131-17702-00017
 Facilities: Coating operations at EnterVan Line No. 1, EnterVan Line No. 2, Bus/ParaTransit Line No. 1, EnterVan Line No. 3, Touch Up Booth/Oven No. 1, Touch Up Booth/ Oven No. 2, and Powder Coating at Plant 3, degreasing operations and solvent usage.
 Parameter: Total combined HAPs usage.
 Limit: Less than a total of 24.3 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: _____

Month	Total HAPs Usage (tons)	Total HAPs Usage (tons)	Total HAPs Usage (tons)
	This Month	Previous 11 Months	12 Month Total

- No deviation occurred in this month.
- Deviation/s occurred in this month.
 Deviation has been reported on _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: The Braun Corporation
 Source Address: 623 W. 11th Street, Winamac, Indiana 46996
 Mailing Address: 623 W. 11th Street, Winamac, Indiana 46996
 Part 70 Permit No.: T 131-17702-00017

Months: _____ **to** _____ **Year:** _____

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

**Indiana Department of Environmental Management
Office of Air Quality**

**Technical Support Document (TSD) for a Part 70
Minor Source Modification and a
Minor Permit Modification**

Source Description and Location

Source Name:	The Braun Corporation
Source Location:	623 W. 11th Street, Winamac, Indiana 46996
County:	Pulaski
SIC Code:	3711
Operation Permit Renewal No.:	131-17702-00017
Operation Permit Renewal Issuance Date:	October 30, 2007
Minor Source Modification No.:	131-25829-00017
Minor Permit Modification	131-25888-00017
Permit Reviewer:	ERG/BL

Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. 131-17702-00017 on October 30, 2007. There are no other approvals issued to the source.

County Attainment Status

The source is located in Pulaski County.

Pollutant	Status
PM ₁₀	attainment
PM _{2.5}	attainment
SO ₂	attainment
NO ₂	attainment
8-hour Ozone	attainment
CO	attainment
Lead	attainment

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Pulaski County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM_{2.5}

Pulaski County has been classified as attainment for PM_{2.5}. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-

2 for PM2.5 emissions. Therefore, until the U.S. EPA adopts specific provisions for PSD review for PM2.5 emissions, it has directed states to regulate PM10 emissions as a surrogate for PM2.5 emissions.

- (c) **Other Criteria Pollutants**
 Pulaski County has been classified as attainment or unclassifiable in Indiana for all NSR pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) **Fugitive Emissions**
 Since this type of operation is not in one of the twenty-eight (28) listed source categories under 326 IAC 2-2, fugitive emissions are not counted toward the determination of PSD applicability.

Source Status

The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (tons/year)
PM	51.7
PM10	52.9
SO ₂	0.164
VOC	224
CO	16.8
NO _x	20.1

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not in one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) These emissions are based upon the Part 70 Operating Permit Renewal No. 131-17702-00017 on October 30, 2007.

The table below summarizes the potential to emit HAPs for the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (tons/year)
Individual HAP	less than 9.9
Total HAP	less than 24.9

This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2003 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	6
PM10	7
SO ₂	0
VOC	38
CO	not reported
NO _x	0
Lead	0.01

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by The Braun Corporation on January 2, 2008. The Braun Corporation has requested the following changes to their Title V permit:

1. Condition C.15 of the existing permit requires the Permittee, pursuant to 326 IAC 2-6-3(b)(2), to submit an Emission Statement starting in 2005 and every three (3) years thereafter. This condition should cite 326 IAC 2-6-3(b)(1) since the source is located in Pulaski County.
2. The Permittee has proposed to relocate the manufacturing line described as Bus/ParaTransit Line No. 1 from Plant 4 into the new building Plant 6.
3. The Permittee has proposed to convert Plant 4, Bus/ParaTransit Van Line No. 2 manufacturing line into EnterVan Line No. 3. The new line will include two (2) new surface coating facilities and be capable of coating an additional six (6) vans per day, for a total capacity of 18.0 vans per day.

The following is a list of the proposed emission units:

- (a) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, transferred to Plant 6 in 2008, consisting of the following:
 - (1) One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID P6Prime, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) Undercoating Operation, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.
 - (4) One (1) priming booth, identified as Para/Prime No. 1, exhausting through Stack/Vent IDs P6Finish1 and P6Finish2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.
- (b) One (1) manufacturing line, identified as EnterVan Line No. 3, approved for construction in 2008, consisting of the following:

- (1) One (1) assembly area, identified as Enter/Assem. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
- (2) Refinishing surface coating operations, identified as Enter/Ref. No. 3, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
- (3) One (1) undercoating area, identified as Enter/Un. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Stack Summary

Stack ID	Operation	Height (ft)	Diameter (ft)	Flow Rate (acfm)	Temperature (°F)
P6Prime	Para/Ref. 3 Refinishing Booth	15.0	2.50	16,000	70.0
P6Finish1	Para/Prime No. 3 Priming Booth	15.0	2.50	6,000	70.0
P6Finish2	Para/Prime No. 3 Priming Booth	15.0	2.50	6,000	70.0

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – Part 70

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency.”

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

- a - The source has provided updated details on coating materials, gallons per unit, and transfer efficiencies that were not available with the Operating Permit Renewal No. 131-17702-00017 issued on October 30, 2007. As a result of the updates to the calculation methodology the source-wide PTE of this existing manufacturing line has decreased.
- b - This is a new manufacturing line.
- c - These existing emission units and their calculation methodology are unchanged.

This modification to an existing minor stationary source is not major because the emissions increase is less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Federal Rule Applicability Determination

The following federal rules are applicable to the source due to this modification:

NSPS:

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this proposed modification.

NESHAP:

- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) applicable to this proposed modification.
- (c) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the following criteria:
 - (1) has a potential to emit before controls equal to or greater than the Part 70 major source threshold for the pollutant involved;
 - (2) is subject to an emission limitation or standard for that pollutant; and
 - (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each new or modified emission unit involved:

CAM Applicability Analysis							
Emission Unit	Control Device Used	Emission Limitation (Y/N)	Uncontrolled PTE (ton/yr)	Controlled PTE (ton/yr)	Part 70 Major Source Threshold (ton/yr)	CAM Applicable (Y/N)	Large Unit (Y/N)
PM10							
Enter/Assem. No. 3	Y	326 IAC 6-3-2	0.06	0.03	100	N	N
Enter/Ref. No. 3 Primer Booth	Y	326 IAC 6-3-2	0.46	0.23	100	N	N
Enter/Ref. No. 3 Paint (Booths #1 and #2)	Y	326 IAC 6-3-2	0.54	0.27	100	N	N
Enter/Un. No. 3	Y	326 IAC 6-3-2	0.41	0.20	100	N	N
VOC							
Enter/Assem. No. 3	N	326 IAC 8-2-9	17.7	17.7	100	N	N
Enter/Ref. No. 3 Primer	N	326 IAC 8-2-9	9.34	9.34	100	N	N
Enter/Ref. No. 3 Paint (Booths #1 and #2)	N	326 IAC 8-2-9	8.56	8.56	100	N	N
Enter/Un. No. 3	N	326 IAC 8-2-9	12.1	12.1	100	N	N

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are not applicable to any emission units included in this proposed modification.

State Rule Applicability Determination

The following state rules are applicable to the source due to the modification:

326 IAC 2-2 (PSD)

PSD and Emission Offset applicability is discussed under the Permit Level Determination – PSD and Emission Offset section.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The operation of three (3) surface coating facilities and assembly areas, identified as Enter/Assem. No. 3, Enter/Ref. No. 3 (primer booth and Paint Booth #1 and Paint Booth #2), and Enter/Un. No. 3 will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 2-6 (Emission Reporting)

Since this source is required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, this source is subject to 326 IAC 2-6 (Emission Reporting). In accordance with the compliance schedule in 326 IAC 2-6-3, an emission statement must be submitted triennially. The first report is due no later than July 1, 2009, and subsequent reports are due every three (3) years thereafter. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3-2(d), the dry filters for particulate control shall be operation in accordance with manufacturer's specifications and control emissions from the three (3) surface coating facilities and assembly areas, identified as Enter/Assem. No. 3, Enter/Ref. No. 3 (primer booth and Paint Booth #1 and Paint Booth #2), and Enter/Un. No. 3 at all times when these facilities are in operation.

326 IAC 8-2-2 (Automobile and light duty truck coating operations)

This source is a motor vehicle conversion plant and is not considered an automotive or light duty truck assembly plant. Therefore, the requirements of 326 IAC 8-2-2 are not applicable.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

The three (3) surface coating operations, identified as Enter/Assem. No. 3, Enter/Ref. No. 3 (primer booth and Paint Booth #1 and Paint Booth #2), and Enter/Un. No. 3 will commence construction after July 1, 1990 and have actual emissions greater than 15 lbs per day; therefore they are subject to 326 IAC 8-2-9. Pursuant to 326 IAC 8-2-1(a)(2) and 326 IAC 8-2-9(a)(5), the eight (8) surface coating booths are subject to the requirements of 326 IAC 8-2-9. The requirements for these surface coating booths are the following:

- (a) The volatile organic compound (VOC) content of the coating delivered to the applicator when coating metal substrates shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for extreme performance coatings.
- (b) Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

Based on the MSDS submitted by the source and calculations made, the spray booth can comply with this requirement.

Testing Requirements

No testing requirements are required for the proposed surface coating operations because the VOC, PM/PM10 and HAP emission limits were established based on mass balance.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The Compliance Determination Requirements applicable to this modification are as follows:

- (a) The three (3) dry filters for Enter/Assem. No. 3, Enter/Ref. No. 3, and Enter/Un. No. 3 have applicable compliance determination conditions as specified below:
 - (1) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks while one or more of the booths are in operation. The Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
 - (2) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Response to Excursions or Exceedances for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Response to Excursions or Exceedances shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

These monitoring conditions are necessary because the dry filters for the three (3) surface coating facilities and assembly areas, identified as Enter/Assem. No. 3, Enter/Ref. No. 3 (primer booth and Paint Booth #1 and Paint Booth #2), and Enter/Un. No. 3 must operate properly to ensure compliance with 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes) and 326 IAC 2-7 (Part 70).

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. 131-17702-00017 on October 30, 2007. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

1. Condition C.15 of the existing permit requires the Permittee, pursuant to 326 IAC 2-6-3(b)(2), to submit an Emission Statement starting in 2005 and every three (3) years thereafter. This condition should cite 326 IAC 2-6-3(b)(1) since the source is located in Pulaski County. Condition has been changed as shown.
- C.15 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]
- (a) Pursuant to 326 IAC 2-6-3(b)(2)(~~2~~**1**), starting in 2005~~4~~ and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
- ...
2. The Permittee has proposed to relocate the manufacturing line described as Bus/ParaTransit Line No. 1 from Plant 4 into the new building Plant 6 and to convert Plant 4, Bus/ParaTransit Van Line No. 2 manufacturing line into EnterVan Line No. 3. The new line will include two (2) new surface coating facilities and be capable of coating an additional six (6) vans per day.
- A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]
- This stationary source consists of the following emission units and pollution control devices:
- Four (4) surface coating facilities and assembly area in Plant 6, described as follows:**
- (a) **One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, transferred to Plant 6 in 2008, consisting of the following:**
 - (1) **One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.**
 - (5) **One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID P6Prime, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.**
 - (6) **One (1) Undercoating Operation, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.**
 - (7) **One (1) priming booth, identified as Para/Prime No. 1, exhausting through Stack/Vent IDs P6Finish1 and P6Finish2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.**
- ~~Twelve (12)~~ **Nine (9)** surface coating facilities and assembly areas in Plant 4, described as follows:
- (a) One (1) manufacturing line, identified as EnterVan Line No. 1, constructed in 1993, consisting of the following:
 - (1) One (1) assembly area, identified as Enter/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.

- (2) Refinishing surface coating operations, identified as Enter/Ref. No. 1, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) undercoating area, identified as Enter/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- (b) One (1) manufacturing line, identified as EnterVan Line No. 2, constructed in 1993, consisting of the following:
- (1) One (1) assembly area, identified as Enter/Assem. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
 - (2) Refinishing surface coating operations, identified as Enter/Ref. No. 2, consisting of one (1) paint booth and one (1) primer booth, exhausting through Stack/Vent ID Enter 2, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
 - (3) One (1) undercoating area, identified as Enter/Un. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- ~~(c) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, consisting of the following:~~
- ~~(1) One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.~~
 - ~~(2) One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID Para 1, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.~~
 - ~~(3) One (1) undercoating area, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.~~
- ~~(d) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 2, constructed in 1993, consisting of the following:~~
- ~~(1) One (1) assembly area, identified as Para/Assem. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.~~
 - ~~(2) One (1) refinishing surface coating booth, identified as Para/Ref. 2, exhausting through Stack/Vent ID Para 2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.~~
 - ~~(3) One (1) undercoating area, identified as Para/Un. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.~~

- (c) **One (1) manufacturing line, identified as EnterVan Line No. 3, approved for construction in 2008, consisting of the following:**
 - (2) **One (1) assembly area, identified as Enter/Assem. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.**
 - (2) **Refinishing surface coating operations, identified as Enter/Ref. No. 3, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.**
 - (3) **One (1) undercoating area, identified as Enter/Un. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.**

...

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Surface Coating Areas

Four (4) surface coating facilities and assembly area in Plant 6, described as follows:

- (a) **One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, transferred to Plant 6 in 2008, consisting of the following:**
 - (1) **One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.**
 - (2) **One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID P6Prime, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.**
 - (3) **One (1) Undercoating Operation, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.**
 - (4) **One (1) priming booth, identified as Para/Prime No. 1, exhausting through Stack/Vent IDs P6Finish1 and P6Finish2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.**

Nine (9) surface coating facilities and assembly areas in Plant 4, described as follows:

- (a) **One (1) manufacturing line, identified as EnterVan Line No. 1, constructed in 1993, consisting of the following:**
 - (1) **One (1) assembly area, identified as Enter/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.**
 - (2) **Refinishing surface coating operations, identified as Enter/Ref. No. 1, consisting of one**

- (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
- (3) One (1) undercoating area, identified as Enter/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- (b) One (1) manufacturing line, identified as EnterVan Line No. 2, constructed in 1993, consisting of the following:
- (1) One (1) assembly area, identified as Enter/Assem. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.
- (2) Refinishing surface coating operations, identified as Enter/Ref. No. 2, consisting of one (1) paint booth and one (1) primer booth, exhausting through Stack/Vent ID Enter 2, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.
- (3) One (1) undercoating area, identified as Enter/Un. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas.
- ~~(c) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 1, constructed in 1993, consisting of the following:~~
- ~~(1) One (1) assembly area, identified as Para/Assem. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.~~
- ~~(2) One (1) refinishing surface coating booth, identified as Para/Ref. 1, exhausting through Stack/Vent ID Para 1, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.~~
- ~~(3) One (1) undercoating area, identified as Para/Un. No. 1, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.~~
- ~~(d) One (1) manufacturing line, identified as Bus/ParaTransit Van Line No. 2, constructed in 1993, consisting of the following:~~
- ~~(1) One (1) assembly area, identified as Para/Assem. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other assembly areas.~~
- ~~(2) One (1) refinishing surface coating booth, identified as Para/Ref. 2, exhausting through Stack/Vent ID Para 2, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.~~
- ~~(3) One (1) undercoating area, identified as Para/Un. No. 2, exhausting inside, utilizing dry filters for particulate control, capacity: 12.0 vans per day. This facility operates independently of all other undercoating areas.~~
- (c) One (1) manufacturing line, identified as EnterVan Line No. 3, approved for construction in 2008, consisting of the following:**

- (1) **One (1) assembly area, identified as Enter/Assem. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other assembly areas.**
- (2) **Refinishing surface coating operations, identified as Enter/Ref. No. 3, consisting of one (1) primer booth and two (2) paint booths, identified as Paint Booth #1 and Paint Booth #2, exhausting through Stack/Vent ID Enter 1, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other refinishing surface coating facilities.**
- (3) **One (1) undercoating area, identified as Enter/Un. No. 3, exhausting inside, utilizing dry filters for particulate control, capacity: 18.0 vans per day. This facility operates independently of all other undercoating areas**

...

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

...

D.1.2 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of The eight (8) surface coating booths, identified as Enter/Assem. No. 1, Enter/Un. No. 1, Enter/Assem. No. 2, Enter/Un. No. 2, Para/Assem. No. 1, Para/Un. No. 1, ~~Para/Assem. No. 2 and Para/Un. No. 2~~ **Enter/Assem. No. 3 and Enter/Un. No. 3** during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

...

D.1.6 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the twelve (12) surface coating facilities and assembly areas, identified as Enter/Assem. No. 1, Enter/Ref. No. 1, Enter/Un. No. 1, Enter/Assem. No. 2, Enter/Ref. No. 2, Enter/Un. No. 2, Para/Assem. No. 1, Para/Ref. 1, Para/Un. No. 1, ~~Para/Assem. No. 2, Para/Ref. 2 and Para/Un. No. 2~~ **Enter/Assem. No. 3, Enter/Ref. No. 3 and Enter/Un. No. 3**, shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the twelve (12) surface coating facilities and assembly areas, identified as Enter/Assem. No. 1, Enter/Ref. No. 1, Enter/Un. No. 1, Enter/Assem. No. 2, Enter/Ref. No. 2, Enter/Un. No. 2, Para/Assem. No. 1, Para/Ref. 1, Para/Un. No. 1, ~~Para/Assem. No. 2, Para/Ref. 2 and Para/Un. No. 2~~ **Enter/Assem. No. 3, Enter/Ref. No. 3 and Enter/Un. No. 3**, and their control devices.

...

D.1.9 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (Enter 1, Enter 2, Para 1 and ~~Para 2~~ **Enter 3**) while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

...

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: The Braun Corporation
 Source Address: 623 West 11th Street, Winamac, Indiana 46996
 Mailing Address: 623 West 11th Street, Winamac, Indiana 46996
 Part 70 Permit No.: T 131-17702-00017
 Facilities: Coating operations at EnterVan Line No. 1, EnterVan Line No. 2, Bus/ParaTransit Line No. 1, ~~Bus/ParaTransit Line No. 2~~ **EnterVan Line No. 3**, Touch Up Booth/Oven No. 1, Touch Up Booth/ Oven No. 2, and Powder Coating at Plant 3, degreasing operations and solvent usage.
 Parameter: Worst case of any individual HAP usage.
 Limit: Less than a total of 9.63 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: _____

Month	Individual HAP Usage (tons)	Individual HAP Usage (tons)	Individual HAP Usage (tons)
	This Month	Previous 11 Months	12 Month Total

- No deviation occurred in this month.
- Deviation/s occurred in this month.
 Deviation has been reported on _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: The Braun Corporation
 Source Address: 623 West 11th Street, Winamac, Indiana 46996
 Mailing Address: 623 West 11th Street, Winamac, Indiana 46996
 Part 70 Permit No.: T 131-17702-00017
 Facilities: Coating operations at EnterVan Line No. 1, EnterVan Line No. 2, Bus/ParaTransit Line No. 1, ~~Bus/ParaTransit Line No. 2~~ **EnterVan Line No. 3**, Touch Up Booth/Oven No. 1, Touch Up Booth/ Oven No. 2, and Powder Coating at Plant 3, degreasing operations and solvent usage.
 Parameter: Total combined HAPs usage.
 Limit: Less than a total of 24.3 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: _____

Month	Total HAPs Usage (tons)	Total HAPs Usage (tons)	Total HAPs Usage (tons)
	This Month	Previous 11 Months	12 Month Total

- No deviation occurred in this month.
- Deviation/s occurred in this month.
 Deviation has been reported on _____

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

Conclusion and Recommendation

The construction of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 131-25829-00017 and Minor Permit Modification No. 131-25888-00017. The staff recommend to the Commissioner that this Part 70 Minor Source and Minor Permit Modification be approved.

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

1. Potential to Emit of Entire Source Prior To The Proposed Modification

	Pollutant (tons/yr)						Single HAP	Total HAPs
	PM	PM10	SO2	VOC	CO	NOx		
EnterVan Line No. 1	14.0	14.0	0	56.4	0	0	less than 9.63	less than 24.3
EnterVan Line No. 2	13.5	13.5	0	47.5	0	0		
Bus/ParaTransit Van Line No. 1	8.91	8.91	0	51.0	0	0		
Bus/ParaTransit Van Line No. 2	8.91	8.91	0	51.0	0	0		
Touch-Up Booth 1 & 2	0.47	0.47	0	4.78	0	0		
Degreasing Operations	0	0	0	11.6	0	0		
Natural Gas Combustion	0.379	1.52	0.12	1.10	16.8	20.0	0.36	0.38
Welding Operations	5.45	5.45	0	0	0	0	0.23	0.23
Burn-off Oven (waste emissions)	0.123	0.123	0	0.053	0.175	0.053	0	0
Total	51.7	52.9	0.12	223	16.9	20.0	less than 9.90	less than 24.9

These emissions are based upon the Part 70 Operating Permit No. 131-17702-00017 on October 30, 2007.

2. Unlimited Potential to Emit of the Proposed Modification

	Pollutant (tons/yr)						Single HAP	Total HAPs
	PM	PM10	SO2	VOC	CO	NOx		
EnterVan Line No. 3	6.46	6.46	-	47.7	-	-	8.07	14.9

3. Potential to Emit of Entire Source After The Proposed Modification

	Pollutant (tons/yr)						Single HAP	Total HAPs
	PM	PM10	SO2	VOC	CO	NOx		
EnterVan Line No. 1 (a)	3.74	3.74	-	43.6	-	-	less than 9.63	less than 24.3
EnterVan Line No. 2 (a)	3.23	3.23	-	47.7	-	-		
EnterVan Line No. 3 (b)	3.23	3.23	-	47.7	-	-		
Bus/ParaTransit Van Line No. 1 (a)	3.01	3.01	-	21.6	-	-		
Touch-Up Booth 1 & 2 (a)	0.52	0.52	-	1.66	-	-		
Degreasing Operations (c)	0	0	0	11.6	0	0		
Natural Gas Combustion (c)	0.379	1.52	0.12	1.10	16.8	20.0	0.36 (Hexane)	0.38
Welding Operations (c)	5.45	5.45	0	0	0	0	0.23 (Manganese)	0.23
Burn-off Oven (waste emissions) (c)	0.123	0.123	0	0.053	0.175	0.053	0	0
Total	19.7	20.8	0.12	175	16.9	20.0	less than 9.90	less than 24.9

a - The source has provided updated details on coating materials, gallons per unit, and transfer efficiencies that were not available with the Operating Renewal Permit No. 131-17702-00017 issued on October 30, 2007. As a result of the updates to the calculation methodology the source-wide PTE of this existing manufacturing line has decreased.

b - This is a new manufacturing line.

c - These existing emission units and their calculation methodology are unchanged.

Appendix A: Emissions Calculations
VOC and Particulate
EnterVan Line No. 1

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25888-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Enter/Assembly																
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	8.53	10.0%	0%	10.0%	0%	90.0%	0.339	0.75	0.85	0.85	0.22	5.20	0.95	0	100%
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	9.34	39.9%	0%	39.9%	0%	60.1%	0.329	0.75	3.73	3.73	0.92	22.1	4.03	0	100%
30	PPG, DX103G, MULTI-PREP	6.57	100%	0%	100%	0%	0%	0.016	0.75	6.57	6.57	0.08	1.90	0.35	0	100%
361	ROYAL ADHESIVES AND SEALANTS, DC12176, SILAPRENE SOLIDSEAL	9.75	3.50%	0%	3.50%	0%	96.5%	0.211	0.75	0.34	0.34	0.05	1.30	0.24	0	100%
366	ROYAL ADHESIVES AND SEALANTS, DC12653, SILAPRENE (HI-BOND 1000) (CAN)	5.00	78.0%	0%	78.0%	0%	22.0%	0.219	0.75	3.90	3.90	0.64	15.4	2.81	0.28	65%
367	ROYAL ADHESIVES AND SEALANTS, DC12742, SILAPRENE ADHESIVE	7.04	0.00%	0%	0.00%	0%	100%	0.327	0.75	0	0	0	0	0	0	100%
7	PPG, DX330G, WAX AND GREASE REMOVER	6.36	100%	0%	100%	0%	0%	0.027	0.75	6.36	6.36	0.13	3.05	0.56	0	100%
407	TCI PRODUCTS, 19055, WAX AND GREASE REMOVER	6.39	100%	0%	100%	0%	0%	0.417	0.75	6.39	6.39	0.13	48.0	8.76	0	100%
Subtotal Assembly																
Enter/Ref. No. 1 Primer Booth																
1	PPG, DP50LF, Gray Epoxy Primer	11.75	34.0%	0%	34.0%	0%	66.0%	0.135	0.75	3.99	3.99	0.40	9.67	1.76	0.86	75%
3	PPG, DT885G, Non-Sanding Epoxy Primer Light Gray (Lead Free)	6.91	35.0%	0%	35.0%	0%	65.0%	0.274	0.75	2.42	2.42	0.50	11.94	2.18	1.01	75%
422	PPG, DX1787G, ETCHING FILLER	8.42	84.0%	0%	84.0%	0%	16.0%	0.003	0.75	7.07	7.07	0.01	0.36	0.07	0.00	100%
25	PPG, K201Q, PRIMER SURFACER CATALYST	8.15	58.0%	0%	58.0%	0%	42.0%	0.005	0.75	4.73	4.73	0.02	0.44	0.08	0.01	75%
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	12.6	33.0%	0%	33.0%	0%	67.0%	0.031	0.75	4.16	4.16	0.10	2.29	0.42	0.21	75%
10	PPG, K38G, HIGH BUILD PRIMER SURFACER	12.43	31.0%	0%	31.0%	0%	69.0%	0.016	0.75	3.85	3.85	0.05	1.13	0.21	0.11	75%
357	PPG, NC52004G, DELTRON PRIMER SEALER-GRA	11.99	46.0%	0%	46.0%	0%	54.0%	0.000	0.75	5.52	5.52	0.00	0.02	0.00	0.00	75%
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	9.67	20.0%	0%	20.0%	0%	80.0%	0.090	0.75	1.93	1.93	0.13	3.15	0.57	0.80	65%
Subtotal Primer Booth																
Enter/Ref. No. 1 Paint																
(Paint Booth # Flare Booth)																
365	ROYAL ADHESIVES AND SEALANTS, DC12439, HYRA FASTEN ADHESIVE PART A	8.99	0%	0%	0%	0%	100%	0.062	0.75	0	0	0	0	0	0	100%
362	ROYAL ADHESIVES AND SEALANTS, DC12239, HYDRA FAST-EN ADHESIVE	9.29	0%	0%	0%	0%	100%	0.011	0.75	0	0	0	0	0	0	100%
410	66003, Acetone	6.55	0%	0%	0%	0%	100%	0.221	0.75	0	0	0	0	0	0	100%
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	8.34	63.5%	0%	63.5%	0%	36.5%	0.032	0.75	5.30	5.30	0.13	3.04	0.55	0.08	75%
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	8.34	63.5%	0%	63.5%	0%	36.5%	0.011	0.75	5.30	5.30	0.04	1.00	0.18	0.03	75%
416	PPG, DBC500Q, Color Blender	7.75	73.9%	0%	73.9%	0%	26.1%	0.002	0.75	5.73	5.73	0.01	0.25	0.04	0.00	75%
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	7.67	61.9%	0%	61.9%	0%	38.1%	0.162	0.75	4.75	4.75	0.58	13.83	2.52	0.39	75%
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	7.84	66.0%	0%	66.0%	0%	34.0%	0.001	0.75	5.17	5.17	0.01	0.13	0.02	0.00	75%
6	PPG, DMC900Q, STRONG WHITE	10.79	35.0%	0%	35.0%	0%	65.0%	0.027	0.75	3.78	3.78	0.08	1.81	0.33	0.15	75%
241	PPG, DMC901G, STRONG TINTING BLACK	8.45	50.4%	0%	50.4%	0%	49.6%	0.007	0.75	4.26	4.26	0.02	0.52	0.09	0.02	75%
242	PPG, DMC902, CARBON BLACK	8.39	57.0%	0%	57.0%	0%	43.0%	0.001	0.75	4.78	4.78	0.00	0.04	0.01	0.00	75%
17	PPG, DMC903Q, WEAK TINTING BLACK	8.37	53.0%	0%	53.0%	0%	47.0%	0.008	0.75	4.44	4.44	0.03	0.63	0.11	0.03	75%
256	PPG, DMC921G, HIGH COLOR BLACK	8.35	56.0%	0%	56.0%	0%	44.0%	0.000	0.75	4.68	4.68	0.00	0.02	0.00	0.00	75%
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	8.46	53.0%	0%	53.0%	0%	47.0%	0.001	0.75	4.48	4.48	0.00	0.09	0.02	0.00	75%
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	8.17	62.7%	0%	62.7%	0%	37.3%	0.000	0.75	5.12	5.12	0.00	0.03	0.01	0.00	75%
285	PPG, DMD1605Q, MAGENTA	7.87	80.7%	0%	80.7%	0%	19.3%	0.002	0.75	6.35	6.35	0.01	0.18	0.03	0.00	75%
286	PPG, DMD1606Q, PERYLENE MAROON	8.65	81.4%	0%	81.4%	0%	18.6%	0.008	0.75	7.04	7.04	0.04	1.03	0.19	0.01	75%
287	PPG, DMD1607Q, PHTHALO BLUE	7.96	78.3%	0%	78.3%	0%	21.7%	0.003	0.75	6.23	6.23	0.01	0.33	0.06	0.00	75%
288	PPG, DMD1609Q, QUINDO VIOLET BC	7.97	76.0%	0%	76.0%	0%	24.0%	0.001	0.75	6.06	6.06	0.00	0.08	0.01	0.00	75%
289	PPG, DMD1610Q, TRANSPARENT ORANGE	8.23	70.0%	0%	70.0%	0%	30.0%	0.000	0.75	5.78	5.78	0.00	0.05	0.01	0.00	75%
290	PPG, DMD1675Q, PHTHALO BLUE	7.92	73.0%	0%	73.0%	0%	27.0%	0.004	0.75	5.78	5.78	0.02	0.37	0.07	0.01	75%
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	7.96	80.0%	0%	80.0%	0%	20.0%	0.000	0.75	6.37	6.37	0.00	0.02	0.00	0.00	75%
292	PPG, DMD1677Q, SCARLET RED	7.98	72.0%	0%	72.0%	0%	28.0%	0.001	0.75	5.75	5.75	0.01	0.15	0.03	0.00	75%
294	PPG, DMD1679Q, QUINDO RED	7.82	77.0%	0%	77.0%	0%	23.0%	0.001	0.75	6.02	6.02	0.00	0.07	0.01	0.00	75%
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	7.93	76.0%	0%	76.0%	0%	24.0%	0.016	0.75	6.03	6.03	0.07	1.76	0.32	0.03	75%
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	7.89	76.0%	0%	76.0%	0%	24.0%	0.018	0.75	6.00	6.00	0.08	1.91	0.35	0.03	75%
296	PPG, DMD1682Q, COARSE ALUMINUM	7.89	76.0%	0%	76.0%	0%	24.0%	0.013	0.75	6.00	6.00	0.06	1.38	0.25	0.02	75%
297	PPG, DMD1683G, BLACK MIXING BASE	7.6	80.0%	0%	80.0%	0%	20.0%	0.015	0.75	6.08	6.08	0.07	1.65	0.30	0.02	75%
298	PPG, DMD1684G, BASECOAT WHITE	10.84	70.0%	0%	70.0%	0%	30.0%	0.020	0.75	7.59	7.59	0.11	2.72	0.50	0.05	75%
299	PPG, DMD1686G, FINE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.001	0.75	6.05	6.05	0.00	0.05	0.01	0.00	75%
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.005	0.75	6.05	6.05	0.02	0.52	0.09	0.01	75%
301	PPG, DMD1690Q, COARSE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.004	0.75	6.05	6.05	0.02	0.38	0.07	0.01	75%
302	PPG, DMD1693Q, PHTHALO GREEN	7.98	73.0%	0%	73.0%	0%	27.0%	0.001	0.75	5.83	5.83	0.00	0.05	0.01	0.00	75%

See page 3 for footnotes and methodology

Appendix A: Emissions Calculations
 VOC and Particulate
 Enter/Var Line No. 1 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Enter/Ref. No. 1 Paint (Continued)																
(Paint Booth # Flare Booth)																
303	PPG, DMD1694Q, PERRINDO MAROON	7.87	77.0%	0%	77.0%	0%	23.0%	0.005	0.75	6.06	6.06	0.02	0.55	0.10	0.01	75%
419	PPG, DMD1696Q, DELTRON MIXING BASES	9.5	80.0%	0%	80.0%	0%	20.0%	0.000	0.75	7.60	7.60	0.001	0.03	0.006	0.000	75%
311	PPG, DMD1697Q, DBC MIXING SYSTEM	9.5	77.0%	0%	77.0%	0%	23.0%	0.002	0.75	7.32	7.32	0.01	0.30	0.05	0.004	75%
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	7.95	75.0%	0%	75.0%	0%	25.0%	0.003	0.75	5.96	5.96	0.01	0.30	0.05	0.005	75%
305	PPG, DMD1699G, DELTRON MIXING BASES	9.5	80.9%	0%	80.9%	0%	19.1%	0.000	0.75	7.69	7.69	0.001	0.03	0.006	0.000	75%
273	PPG, DMD614Q, VAT BLUE URETHANE	8.19	50.0%	0%	50.0%	0%	50.0%	0.003	0.75	4.10	4.10	0.01	0.24	0.044	0.011	75%
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	8.61	58.0%	0%	58.0%	0%	42.0%	0.000	0.75	4.99	4.99	0.001	0.02	0.004	0.001	75%
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	8.13	52.0%	0%	52.0%	0%	48.0%	0.001	0.75	4.23	4.23	0.004	0.09	0.016	0.004	75%
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	8.65	48.0%	0%	48.0%	0%	52.0%	0.001	0.75	4.15	4.15	0.003	0.08	0.015	0.004	75%
279	PPG, DMD642Q, LOW OPACITY YELLOW OXIDE	8.9	45.0%	0%	45.0%	0%	55.0%	0.000	0.75	4.01	4.01	0.001	0.014	0.002	0.001	75%
280	PPG, DMD646Q, WEAK WHITE	8.78	56.0%	0%	56.0%	0%	44.0%	0.001	0.75	4.92	4.92	0.003	0.06	0.011	0.002	75%
281	PPG, DMD648Q, WEAK BLACK DELTRON	8.12	51.0%	0%	51.0%	0%	49.0%	0.001	0.75	4.14	4.14	0.004	0.09	0.017	0.004	75%
420	PPG, DMD691Q, GRAPHITE BLACK	8.55	51.0%	0%	51.0%	0%	49.0%	0.000	0.75	4.36	4.36	0.001	0.020	0.004	0.001	75%
330	PPG, DP90LFG, EPOXY PRIMER	11	61.0%	0%	61.0%	0%	39.0%	0.013	0.75	6.71	6.71	0.07	1.58	0.29	0.05	75%
18	PPG, DPX801Q, UNIVERSAL PLASTICS ADHESION PROMOTER	6.95	97.0%	0%	97.0%	0%	3.00%	0.016	0.75	6.74	6.74	0.08	2.00	0.36	0.003	75%
425	PPG, DX5780Z, Basecoat Activator	8.7	43.7%	0%	43.7%	0%	56.3%	0.003	0.75	3.80	3.80	0.01	0.22	0.04	0.01	75%
306	PPG, DX885G, URETHANE FLATTENING AGENT	8.2	80.0%	0%	80.0%	0%	20.0%	0.002	0.75	6.56	6.56	0.01	0.23	0.04	0.003	75%
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	7.27	95.9%	0%	95.9%	0%	4.13%	0.004	0.75	6.97	6.97	0.02	0.48	0.09	0.001	75%
429	PPG, MEK-5, SATWIPES® SW420185 Wipers.	6.71	0.0%	0%	0.0%	0%	100.0%	0.031	0.75	0.00	0.00	0.000	0.000	0.000	0.17	75%
332	PPG, PRL88, ORANGE PEARL	20.6	10.0%	0%	10.0%	0%	90.0%	0.013	0.75	2.06	2.06	0.02	0.48	0.09	0.20	75%
333	PPG, PRL89, VIOLET PEARL	20.6	10.0%	0%	10.0%	0%	90.0%	0.003	0.75	2.06	2.06	0.005	0.13	0.02	0.05	75%
334	PPG, PRL90, SUNSET RED	21.59	10.0%	0%	10.0%	0%	90.0%	0.002	0.75	2.16	2.16	0.003	0.07	0.01	0.03	75%
372	PPG, PRL91, PRL PEARL LINE	21	10.0%	0%	10.0%	0%	90.0%	0.004	0.75	2.10	2.10	0.01	0.17	0.03	0.07	75%
335	PPG, PRL92, PEARL LINE	19.73	9.63%	0%	9.63%	0%	90.4%	0.004	0.75	1.90	1.90	0.01	0.15	0.03	0.07	75%
336	PPG, PRL93, TINCTURE GOLD	19.73	9.98%	0%	9.98%	0%	90.0%	0.005	0.75	1.97	1.97	0.01	0.18	0.03	0.07	75%
337	PPG, PRL94, BLUE GREEN PEARL	21	10.0%	0%	10.0%	0%	90.0%	0.000	0.75	2.10	2.10	0.000	0.01	0.002	0.004	75%
338	PPG, PRL95, BRIGHT WHITE PEARL	21.58	9.96%	0%	9.96%	0%	90.0%	0.000	0.75	2.15	2.15	0.000	0.01	0.002	0.004	75%
339	PPG, PRL96, RUSSET PEARL	21.58	9.96%	0%	9.96%	0%	90.0%	0.004	0.75	2.15	2.15	0.01	0.15	0.03	0.06	75%
341	PPG, PRL98, FINE WHITE PEARL	17.91	10.0%	0%	10.0%	0%	90.0%	0.004	0.75	1.79	1.79	0.01	0.13	0.02	0.05	75%
343	PPG, PRLX1, CRYSTAL RED PEARL	24.16	9.93%	0%	9.93%	0%	90.1%	0.022	0.75	2.40	2.40	0.04	0.95	0.17	0.39	75%
344	PPG, PRLX2, CRYSTAL SILVER PEARL	23.99	9.59%	0%	9.59%	0%	90.4%	0.005	0.75	2.30	2.30	0.01	0.22	0.04	0.10	75%
346	PPG, PRLX4, CRYSTAL BLUE PEARL	18.33	9.82%	0%	9.82%	0%	90.2%	0.002	0.75	1.80	1.80	0.002	0.05	0.01	0.02	75%
347	PPG, PRLX5, CRYSTAL GREEN PEARL	23.4	9.83%	0%	9.83%	0%	90.2%	0.002	0.75	2.30	2.30	0.003	0.07	0.01	0.03	75%
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	23.15	9.94%	0%	9.94%	0%	90.1%	0.002	0.75	2.30	2.30	0.003	0.07	0.01	0.03	75%
349	PPG, PRLX7, CRYSTAL COPPER PEARL	24.16	9.93%	0%	9.93%	0%	90.1%	0.002	0.75	2.40	2.40	0.003	0.07	0.01	0.03	75%
426	TCI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	6.5	100%	0%	100%	0%	0%	0.031	0.75	6.50	6.50	0.15	3.62	0.66	0.000	100%
Subtotal Booths												1.96	46.9	8.57	2.39	
Enter Undercoating																
430	ECP, S1423, AA WB RUST PROTECTANT	8.17	55.00%	0%	55.00%	0%	0.45	0.006	0.75	4.49	4.49	0.02	0.45	0.08	0.02	75%
358	U.S. CHEMICAL & PLASTICS, S1030, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.80%	0%	62.80%	0%	0.37	0.434	0.75	4.29	4.29	1.40	33.5	6.12	0.91	75%
408	U.S. CHEMICAL & PLASTICS, S1333, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.80%	0%	62.80%	0%	0.37	0.417	0.75	4.29	4.29	1.34	32.2	5.88	0.87	75%
Subtotal Undercoating												2.76	66.2	12.1	1.79	
										PM Control Efficiency:		50.0%				

All coatings are "as applied" to the applicators

Totals		PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)
		Uncontrolled:	10.0	239	43.6
	Controlled:	10.0	239	43.6	3.74

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lbs/gal) * Weight % Organics) / (1-Volume % water)
 Pounds of VOC per Gallon Coating = (Density (lbs/gal) * Weight % Organics)
 PTE of VOC (lbs/hr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr)
 PTE of VOC (lbs/day) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (24 hr/day)
 PTE of VOC (tons/yr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hrs/yr) * (1 ton/2,000 lbs)
 PTE of PM/PM10 (tons/yr) = Maximum (units/hr) * Gal of Material (gals/unit) * Density (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) * (8,760 hrs/yr) * (1 ton/2,000 lbs)

Appendix A: Emissions Calculations
VOC and Particulate
EnterVan Line No. 2

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25888-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Enter/Assem. No. 2																
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	8.53	10.0%	0%	10.0%	0%	90.0%	0.339	0.75	0.85	0.85	0.22	5.20	0.95	0	100%
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	9.34	39.9%	0%	39.9%	0%	60.1%	0.329	0.75	3.73	3.73	0.92	22.06	4.03	0	100%
30	PPG, DX103G, MULTI-PREP	6.57	100%	0%	100%	0%	0%	0.016	0.75	6.57	6.57	0.08	1.90	0.35	0	100%
361	ROYAL ADHESIVES AND SEALANTS, DC12176, SILAPRENE SOLIDSEAL	9.75	3.50%	0%	3.50%	0%	96.5%	0.211	0.75	0.34	0.34	0.05	1.30	0.24	0	100%
366	ROYAL ADHESIVES AND SEALANTS, DC12653, SILAPRENE (HI-BOND 1000) (CAN)	5	78.0%	0%	78.0%	0%	22.0%	0.219	0.75	3.90	3.90	0.64	15.39	2.81	0.28	65%
367	ROYAL ADHESIVES AND SEALANTS, DC12742, SILAPRENE ADHESIVE	7.04	0%	0%	0%	0%	100%	0.327	0.75	0.00	0.00	0.00	0.00	0.00	0	100%
7	PPG, DX330G, WAX AND GREASE REMOVER	6.36	100%	0%	100%	0%	0%	0.027	0.75	6.36	6.36	0.13	3.05	0.56	0	100%
407	TCI PRODUCTS, 19055, WAX AND GREASE REMOVER	6.39	100%	0%	100%	0%	0%	0.417	0.75	6.39	6.39	0.13	48.01	8.76	0	100%
Subtotal Assembly																
Enter/Ref. No. 2 Primer																
1	PPG, DP50LF, Gray Epoxy Primer	11.75	34.0%	0%	34.0%	0%	66.0%	0.135	0.75	3.99	3.99	0.40	9.67	1.76	0.86	75%
3	PPG, DT885G, Non-Sanding Epoxy Primer Light Gray (Lead Free)	6.91	100%	0%	100%	0%	0%	0.274	0.75	6.91	6.91	1.42	34.12	6.23	0.000	75%
422	PPG, DX1787G, ETCHING FILLER	8.42	84.0%	0%	84.0%	0%	16.0%	0.003	0.75	7.07	7.07	0.01	0.36	0.07	0	100%
25	PPG, K201Q, PRIMER SURFACER CATALYST	8.15	58.0%	0%	58.0%	0%	42.0%	0.005	0.75	4.73	4.73	0.02	0.44	0.08	0.01	75%
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	12.6	33.0%	0%	33.0%	0%	67.0%	0.031	0.75	4.16	4.16	0.10	2.29	0.42	0.21	75%
10	PPG, K38G, HIGH BUILD PRIMER SURFACER	12.43	31.0%	0%	31.0%	0%	69.0%	0.016	0.75	3.85	3.85	0.05	1.13	0.21	0.11	75%
357	PPG, NC52004G, DELTRON PRIMER SEALER-GRA	11.99	46.0%	0%	46.0%	0%	54.0%	0.000	0.75	5.52	5.52	0.00	0.02	0.00	0.00	75%
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	9.67	20.0%	0%	20.0%	0%	80.0%	0.090	0.75	1.93	1.93	0.13	3.15	0.57	0.80	65%
Subtotal Primer Booth																
Enter/Ref. No. 2 Paint																
(Paint Booth)																
365	ROYAL ADHESIVES AND SEALANTS, DC12439, HYRA FASTEN ADHESIVE PART A	8.99	0%	0%	0%	0%	100%	0.062	0.75	0	0	0	0	0	0	100%
362	ROYAL ADHESIVES AND SEALANTS, DC12239, HYDRA FAST-EN ADHESIVE	9.29	0%	0%	0%	0%	100%	0.011	0.75	0	0	0	0	0	0	100%
410	66003, Acetone	6.55	0%	0%	0%	0%	100%	0.221	0.75	0	0	0	0	0	0	100%
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	8.34	63.5%	0%	63.5%	0%	36.5%	0.032	0.75	5.30	5.30	0.13	3.04	0.55	0.08	75%
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	8.34	63.5%	0%	63.5%	0%	36.5%	0.011	0.75	5.30	5.30	0.04	1.00	0.18	0.03	75%
416	PPG, DBC500Q, Color Blender	7.75	73.9%	0%	73.9%	0%	26.1%	0.002	0.75	5.73	5.73	0.01	0.20	0.04	0.00	75%
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	7.67	61.9%	0%	61.9%	0%	38.1%	0.162	0.75	4.75	4.75	0.58	13.83	2.52	0.39	75%
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	7.84	66.0%	0%	66.0%	0%	34.0%	0.001	0.75	5.17	5.17	0.01	0.13	0.02	0.00	75%
6	PPG, DMC900Q, STRONG WHITE	10.79	35.0%	0%	35.0%	0%	65.0%	0.027	0.75	3.78	3.78	0.08	1.81	0.33	0.15	75%
241	PPG, DMC901G, STRONG TINTING BLACK	8.45	50.4%	0%	50.4%	0%	49.6%	0.007	0.75	4.26	4.26	0.02	0.52	0.09	0.02	75%
242	PPG, DMC902, CARBON BLACK	8.39	57.0%	0%	57.0%	0%	43.0%	0.001	0.75	4.78	4.78	0.00	0.04	0.01	0.00	75%
17	PPG, DMC903Q, WEAK TINTING BLACK	8.37	53.0%	0%	53.0%	0%	47.0%	0.008	0.75	4.44	4.44	0.03	0.63	0.11	0.03	75%
256	PPG, DMC921G, HIGH COLOR BLACK	8.35	56.0%	0%	56.0%	0%	44.0%	0.000	0.75	4.68	4.68	0.00	0.02	0.00	0.00	75%
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	8.46	53.0%	0%	53.0%	0%	47.0%	0.001	0.75	4.48	4.48	0.00	0.09	0.02	0.00	75%
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	8.17	62.7%	0%	62.7%	0%	37.3%	0.000	0.75	5.12	5.12	0.00	0.03	0.01	0.00	75%
285	PPG, DMD1605Q, MAGENTA	7.87	80.7%	0%	80.7%	0%	19.3%	0.002	0.75	6.35	6.35	0.01	0.18	0.03	0.00	75%
286	PPG, DMD1606Q, PERYLENE MAROON	8.65	81.4%	0%	81.4%	0%	18.6%	0.008	0.75	7.04	7.04	0.04	1.03	0.19	0.01	75%
287	PPG, DMD1607Q, PHTHALO BLUE	7.96	78.3%	0%	78.3%	0%	21.7%	0.003	0.75	6.23	6.23	0.01	0.33	0.06	0.00	75%
288	PPG, DMD1609Q, QUINDO VIOLET BC	7.97	76.0%	0%	76.0%	0%	24.0%	0.001	0.75	6.06	6.06	0.00	0.08	0.01	0.00	75%
289	PPG, DMD1610Q, TRANSPARENT ORANGE	8.23	70.0%	0%	70.0%	0%	30.0%	0.000	0.75	5.78	5.78	0.00	0.05	0.01	0.00	75%
290	PPG, DMD1675Q, PHTHALO BLUE	7.92	73.0%	0%	73.0%	0%	27.0%	0.004	0.75	5.78	5.78	0.02	0.37	0.07	0.01	75%
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	7.96	80.0%	0%	80.0%	0%	20.0%	0.000	0.75	6.37	6.37	0.00	0.02	0.00	0.00	75%
292	PPG, DMD1677Q, SCARLET RED	7.98	72.0%	0%	72.0%	0%	28.0%	0.001	0.75	5.75	5.75	0.01	0.15	0.03	0.00	75%
294	PPG, DMD1679Q, QUINDO RED	7.82	77.0%	0%	77.0%	0%	23.0%	0.001	0.75	6.02	6.02	0.00	0.07	0.01	0.00	75%
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	7.93	76.0%	0%	76.0%	0%	24.0%	0.016	0.75	6.03	6.03	0.07	1.76	0.32	0.03	75%
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	7.89	76.0%	0%	76.0%	0%	24.0%	0.018	0.75	6.00	6.00	0.08	1.91	0.35	0.03	75%
296	PPG, DMD1682Q, COARSE ALUMINUM	7.89	76.0%	0%	76.0%	0%	24.0%	0.013	0.75	6.00	6.00	0.06	1.38	0.25	0.02	75%
297	PPG, DMD1683G, BLACK MIXING BASE	7.6	80.0%	0%	80.0%	0%	20.0%	0.015	0.75	6.08	6.08	0.07	1.65	0.30	0.02	75%
298	PPG, DMD1684G, BASECOAT WHITE	10.84	70.0%	0%	70.0%	0%	30.0%	0.020	0.75	7.59	7.59	0.11	2.72	0.50	0.05	75%
299	PPG, DMD1686G, FINE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.001	0.75	6.05	6.05	0.00	0.05	0.01	0.00	75%
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.005	0.75	6.05	6.05	0.02	0.52	0.09	0.01	75%
301	PPG, DMD1690Q, COARSE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.004	0.75	6.05	6.05	0.02	0.38	0.07	0.01	75%
302	PPG, DMD1693Q, PHTHALO GREEN	7.98	73.0%	0%	73.0%	0%	27.0%	0.001	0.75	5.83	5.83	0.00	0.05	0.01	0.00	75%

See page 5 for footnotes and methodology

Appendix A: Emissions Calculations
 VOC and Particulate
 Enter/Un Line No. 2 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Enter/Ref. No. 2 Paint (Continued)																
(Paint Booth)																
303	PPG, DMD1694Q, PERRINDO MAROON	7.87	77.0%	0%	77.0%	0%	23.0%	0.005	0.75	6.06	6.06	0.02	0.55	0.10	0.01	75%
419	PPG, DMD1696Q, DELTRON MIXING BASES	9.5	80.0%	0%	80.0%	0%	20.0%	0.000	0.75	7.60	7.60	0.00	0.03	0.01	0.00	75%
311	PPG, DMD1697Q, DBC MIXING SYSTEM	9.5	77.0%	0%	77.0%	0%	23.0%	0.002	0.75	7.32	7.32	0.01	0.30	0.05	0.00	75%
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	7.95	75.0%	0%	75.0%	0%	25.0%	0.003	0.75	5.96	5.96	0.01	0.30	0.05	0.00	75%
305	PPG, DMD1699G, DELTRON MIXING BASES	9.5	80.9%	0%	80.9%	0%	19.1%	0.000	0.75	7.69	7.69	0.00	0.03	0.01	0.00	75%
273	PPG, DMD164Q, VAT BLUE URETHANE	8.19	50.0%	0%	50.0%	0%	50.0%	0.003	0.75	4.10	4.10	0.01	0.24	0.04	0.01	75%
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	8.61	58.0%	0%	58.0%	0%	42.0%	0.000	0.75	4.99	4.99	0.00	0.02	0.00	0.00	75%
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	8.13	52.0%	0%	52.0%	0%	48.0%	0.001	0.75	4.23	4.23	0.00	0.09	0.02	0.00	75%
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	8.65	48.0%	0%	48.0%	0%	52.0%	0.001	0.75	4.15	4.15	0.00	0.08	0.01	0.00	75%
279	PPG, DMD642Q, LOW OPAQITY YELLOW OXIDE	8.9	45.0%	0%	45.0%	0%	55.0%	0.000	0.75	4.01	4.01	0.00	0.01	0.00	0.00	75%
280	PPG, DMD646Q, WEAK WHITE	8.78	56.0%	0%	56.0%	0%	44.0%	0.001	0.75	4.92	4.92	0.00	0.06	0.01	0.00	75%
281	PPG, DMD648Q, WEAK BLACK DELTRON	8.12	51.0%	0%	51.0%	0%	49.0%	0.001	0.75	4.14	4.14	0.00	0.09	0.02	0.00	75%
420	PPG, DMD691Q, GRAPHITE BLACK	8.55	51.0%	0%	51.0%	0%	49.0%	0.000	0.75	4.36	4.36	0.00	0.02	0.00	0.00	75%
330	PPG, DP90LFG, EPOXY PRIMER	11	61.0%	0%	61.0%	0%	39.0%	0.013	0.75	6.71	6.71	0.07	1.58	0.29	0.05	75%
18	PPG, DPX801Q, UNIVERSAL PLASTICS ADHESION PROMOTER	6.95	97.0%	0%	97.0%	0%	3.0%	0.016	0.75	6.74	6.74	0.08	2.00	0.36	0.00	75%
425	PPG, DXS78OZ, Basecoat Activator	8.7	43.7%	0%	43.7%	0%	56.3%	0.003	0.75	3.80	3.80	0.01	0.22	0.04	0.01	75%
306	PPG, DX885G, URETHANE FLATTENING AGENT	8.2	80.0%	0%	80.0%	0%	20.0%	0.002	0.75	6.56	6.56	0.01	0.23	0.04	0.00	75%
321	PPG, DX940G, UNIVERSAL BLENDING SOLVENT	7.27	95.9%	0%	95.9%	0%	4.1%	0.004	0.75	6.97	6.97	0.02	0.48	0.09	0.00	75%
429	PPG, MEK-5, SATWIPES @ SW420185 Wipers.	6.71	0.0%	0%	0.0%	0%	100%	0.031	0.75	0.00	0.00	0.00	0.00	0.00	0.17	75%
332	PPG, PRL88, ORANGE PEARL	20.6	10.0%	0%	10.0%	0%	90.0%	0.013	0.75	2.06	2.06	0.02	0.48	0.09	0.20	75%
333	PPG, PRL89, VIOLET PEARL	20.6	10.0%	0%	10.0%	0%	90.0%	0.003	0.75	2.06	2.06	0.01	0.13	0.02	0.05	75%
334	PPG, PRL90, SUNSET RED	21.59	10.0%	0%	10.0%	0%	90.0%	0.002	0.75	2.16	2.16	0.00	0.07	0.01	0.03	75%
372	PPG, PRL91, PRL PEARL LINE	21	10.0%	0%	10.0%	0%	90.0%	0.004	0.75	2.10	2.10	0.01	0.17	0.03	0.07	75%
335	PPG, PRL92, PEARL LINE	19.73	9.63%	0%	9.63%	0%	90.4%	0.004	0.75	1.90	1.90	0.01	0.15	0.03	0.07	75%
336	PPG, PRL93, TINCTURE GOLD	19.73	9.98%	0%	9.98%	0%	90.0%	0.005	0.75	1.97	1.97	0.01	0.18	0.03	0.07	75%
337	PPG, PRL94, BLUE GREEN PEARL	21	10.0%	0%	10.0%	0%	90.0%	0.000	0.75	2.10	2.10	0.00	0.01	0.00	0.00	75%
338	PPG, PRL95, BRIGHT WHITE PEARL	21.58	9.96%	0%	9.96%	0%	90.0%	0.000	0.75	2.15	2.15	0.00	0.01	0.00	0.00	75%
339	PPG, PRL96, RUSSET PEARL	21.58	9.96%	0%	9.96%	0%	90.0%	0.004	0.75	2.15	2.15	0.01	0.15	0.03	0.06	75%
341	PPG, PRL98, FINE WHITE PEARL	17.91	10.0%	0%	10.0%	0%	90.0%	0.004	0.75	1.79	1.79	0.01	0.13	0.02	0.05	75%
343	PPG, PRLX1, CRYSTAL RED PEARL	24.16	9.93%	0%	9.93%	0%	90.1%	0.022	0.75	2.40	2.40	0.04	0.95	0.17	0.39	75%
344	PPG, PRLX2, CRYSTAL SILVER PEARL	23.99	9.59%	0%	9.59%	0%	90.4%	0.005	0.75	2.30	2.30	0.01	0.22	0.04	0.10	75%
346	PPG, PRLX4, CRYSTAL BLUE PEARL	18.33	9.82%	0%	9.82%	0%	90.2%	0.002	0.75	1.80	1.80	0.00	0.05	0.01	0.02	75%
347	PPG, PRLX5, CRYSTAL GREEN PEARL	23.4	9.83%	0%	9.83%	0%	90.2%	0.002	0.75	2.30	2.30	0.00	0.07	0.01	0.03	75%
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	23.15	9.94%	0%	9.94%	0%	90.1%	0.002	0.75	2.30	2.30	0.00	0.07	0.01	0.03	75%
349	PPG, PRLX7, CRYSTAL COPPER PEARL	24.16	9.93%	0%	9.93%	0%	90.1%	0.002	0.75	2.40	2.40	0.00	0.07	0.01	0.03	75%
426	TCI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	6.5	100%	0%	100%	0%	0%	0.031	0.75	6.50	6.50	0.15	3.62	0.66	0	100%
Subtotal Paint Booth																
Enter/Un. No. 2																
430	ECP, 51423, AA WB RUST PROTECTANT	8.17	55.0%	0%	55.0%	0%	0.45	0.01	0.75	4.49	4.49	0.02	0.45	0.08	0.02	75%
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.8%	0%	62.8%	0%	0.37	0.43	0.75	4.29	4.29	1.40	33.5	6.12	0.91	75%
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.8%	0%	62.8%	0%	0.37	0.42	0.75	4.29	4.29	1.34	32.2	5.88	0.87	75%
Subtotal Undercoating																
											PM Control Efficiency: 50.0%					
												PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	
Totals												Uncontrolled: 10.9	261	47.7	6.46	
												Controlled: 10.9	261	47.7	3.23	

All coatings are "as applied" to the applicators

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lbs/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lbs/gal) * Weight % Organics)

PTE of VOC (lbs/hr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr)

PTE of VOC (lbs/day) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (24 hr/day)

PTE of VOC (tons/yr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hrs/yr) * (1 ton/2,000 lbs)

PTE of PM/PM10 (tons/yr) = Maximum (units/hr) * Gal of Material (gals/unit) * Density (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) * (8,760 hrs/yr) *(1 ton/2,000 lbs)

Appendix A: Emissions Calculations
VOC and Particulate
EnterVan Line No. 3

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25888-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Enter/Assem. No. 3																
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	8.53	10.00%	0%	10.00%	0%	90.0%	0.339	0.75	0.85	0.85	0.22	5.20	0.95	0	100%
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	9.34	39.9%	0%	39.9%	0%	60.1%	0.329	0.75	3.73	3.73	0.92	22.1	4.03	0	100%
30	PPG, DX103G, MULTI-PREP	6.57	100%	0%	100%	0%	0%	0.016	0.75	6.57	6.57	0.08	1.90	0.35	0	100%
361	ROYAL ADHESIVES AND SEALANTS, DC12176, SILAPRENE SOLIDSEAL	9.75	3.50%	0%	3.50%	0%	96.5%	0.211	0.75	0.34	0.34	0.05	1.30	0.24	0	100%
366	ROYAL ADHESIVES AND SEALANTS, DC12653, SILAPRENE (HI-BOND 1000) (CAN)	5	78.0%	0%	78.0%	0%	22.0%	0.219	0.75	3.90	3.90	0.64	15.4	2.81	0.28	65%
367	ROYAL ADHESIVES AND SEALANTS, DC12742, SILAPRENE ADHESIVE	7.04	0%	0%	0%	0%	100%	0.327	0.75	0.00	0.00	0.00	0.00	0.00	0	100%
7	PPG, DX330G, WAX AND GREASE REMOVER	6.36	100%	0%	100%	0%	0%	0.027	0.75	6.36	6.36	0.13	3.05	0.56	0	100%
407	TCI PRODUCTS, 19055, WAX AND GREASE REMOVER	6.39	100%	0%	100%	0%	0%	0.417	0.75	6.39	6.39	2.00	48.0	8.76	0	100%
Subtotal Assembly																
Enter/Ref. No. 3 Primer																
1	PPG, DP50LF, Gray Epoxy Primer	11.75	34.0%	0%	34.0%	0%	66.0%	0.135	0.75	3.99	3.99	0.40	9.67	1.76	0.86	75%
3	PPG, DT885G, Non-Sanding Epoxy Primer Light Gray (Lead Free)	6.91	100%	0%	100%	0%	0%	0.274	0.75	6.91	6.91	1.42	34.12	6.23	0.000	75%
422	PPG, DX1787G, ETCHING FILLER	8.42	84.0%	0%	84.0%	0%	16.0%	0.003	0.75	7.07	7.07	0.01	0.36	0.07	0	100%
25	PPG, K201Q, PRIMER SURFACER CATALYST	8.15	58.0%	0%	58.0%	0%	42.0%	0.005	0.75	4.73	4.73	0.02	0.44	0.08	0.01	75%
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	12.6	33.0%	0%	33.0%	0%	67.0%	0.031	0.75	4.16	4.16	0.10	2.29	0.42	0.21	75%
10	PPG, K38G, HIGH BUILD PRIMER SURFACER	12.43	31.0%	0%	31.0%	0%	69.0%	0.016	0.75	3.85	3.85	0.05	1.13	0.21	0.11	75%
357	PPG, NC52004G, DELTRON PRIMER SEALER-GRA	11.99	46.0%	0%	46.0%	0%	54.0%	0.000	0.75	5.52	5.52	0.00	0.02	0.00	0.001	75%
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	9.67	20.0%	0%	20.0%	0%	80.0%	0.090	0.75	1.93	1.93	0.13	3.15	0.57	0.80	65%
Subtotal																
Enter/Ref. No. 3 Paint (Paint Booth and Flare Booth)																
365	ROYAL ADHESIVES AND SEALANTS, DC12439, HYRA FASTEN ADHESIVE PART A	8.99	0%	0%	0%	0%	100%	0.062	0.75	0	0	0	0	0	0	100%
362	ROYAL ADHESIVES AND SEALANTS, DC12239, HYDRA FAST-EN ADHESIVE	9.29	0%	0%	0%	0%	100%	0.011	0.75	0	0	0	0	0	0	100%
410	66003, Acetone	6.55	0%	0%	0%	0%	100%	0.221	0.75	0	0	0	0	0	0	100%
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	8.34	63.5%	0%	63.5%	0%	36.5%	0.032	0.75	5.30	5.30	0.13	3.04	0.55	0.08	75%
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	8.34	63.5%	0%	63.5%	0%	36.5%	0.011	0.75	5.30	5.30	0.04	1.00	0.18	0.03	75%
416	PPG, DBC500Q, Color Blender	7.75	73.9%	0%	73.9%	0%	26.1%	0.002	0.75	5.73	5.73	0.01	0.20	0.04	0.00	75%
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	7.67	61.9%	0%	61.9%	0%	38.1%	0.162	0.75	4.75	4.75	0.58	13.83	2.52	0.39	75%
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	7.84	66.0%	0%	66.0%	0%	34.0%	0.001	0.75	5.17	5.17	0.01	0.13	0.02	0.00	75%
6	PPG, DMC900Q, STRONG WHITE	10.79	35.0%	0%	35.0%	0%	65.0%	0.027	0.75	3.78	3.78	0.08	1.81	0.33	0.15	75%
241	PPG, DMC901G, STRONG TINTING BLACK	8.45	50.4%	0%	50.4%	0%	49.6%	0.007	0.75	4.26	4.26	0.02	0.52	0.09	0.02	75%
242	PPG, DMC902, CARBON BLACK	8.39	57.0%	0%	57.0%	0%	43.0%	0.001	0.75	4.78	4.78	0.00	0.04	0.01	0.00	75%
17	PPG, DMC903Q, WEAK TINTING BLACK	8.37	53.0%	0%	53.0%	0%	47.0%	0.008	0.75	4.44	4.44	0.03	0.63	0.11	0.03	75%
256	PPG, DMC921G, HIGH COLOR BLACK	8.35	56.0%	0%	56.0%	0%	44.0%	0.000	0.75	4.68	4.68	0.00	0.02	0.00	0.00	75%
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	8.46	53.0%	0%	53.0%	0%	47.0%	0.001	0.75	4.48	4.48	0.00	0.09	0.02	0.00	75%
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	8.17	62.7%	0%	62.7%	0%	37.3%	0.000	0.75	5.12	5.12	0.00	0.03	0.01	0.00	75%
285	PPG, DMD1605Q, MAGENTA	7.87	80.7%	0%	80.7%	0%	19.3%	0.002	0.75	6.35	6.35	0.01	0.18	0.03	0.00	75%
286	PPG, DMD1606Q, PERYLENE MAROON	8.65	81.4%	0%	81.4%	0%	18.6%	0.008	0.75	7.04	7.04	0.04	1.03	0.19	0.01	75%
287	PPG, DMD1607Q, PHTHALO BLUE	7.96	78.3%	0%	78.3%	0%	21.7%	0.003	0.75	6.23	6.23	0.01	0.33	0.06	0.00	75%
288	PPG, DMD1609Q, QUINDO VIOLET BC	7.97	76.0%	0%	76.0%	0%	24.0%	0.001	0.75	6.06	6.06	0.00	0.08	0.01	0.00	75%
289	PPG, DMD1610Q, TRANSPARENT ORANGE	8.23	70.0%	0%	70.0%	0%	30.0%	0.000	0.75	5.78	5.78	0.00	0.05	0.01	0.00	75%
290	PPG, DMD1675Q, PHTHALO BLUE	7.92	73.0%	0%	73.0%	0%	27.0%	0.004	0.75	5.78	5.78	0.02	0.37	0.07	0.01	75%
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	7.96	80.0%	0%	80.0%	0%	20.0%	0.000	0.75	6.37	6.37	0.00	0.02	0.00	0.00	75%
292	PPG, DMD1677Q, SCARLET RED	7.98	72.0%	0%	72.0%	0%	28.0%	0.001	0.75	5.75	5.75	0.01	0.15	0.03	0.00	75%
294	PPG, DMD1679Q, QUINDO RED	7.82	77.0%	0%	77.0%	0%	23.0%	0.001	0.75	6.02	6.02	0.00	0.07	0.01	0.00	75%
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	7.93	76.0%	0%	76.0%	0%	24.0%	0.016	0.75	6.03	6.03	0.07	1.76	0.32	0.03	75%
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	7.89	76.0%	0%	76.0%	0%	24.0%	0.018	0.75	6.00	6.00	0.08	1.91	0.35	0.03	75%
296	PPG, DMD1682Q, COARSE ALUMINUM	7.89	76.0%	0%	76.0%	0%	24.0%	0.013	0.75	6.00	6.00	0.06	1.38	0.25	0.02	75%
297	PPG, DMD1683G, BLACK MIXING BASE	7.6	80.0%	0%	80.0%	0%	20.0%	0.015	0.75	6.08	6.08	0.07	1.65	0.30	0.02	75%
298	PPG, DMD1684G, BASECOAT WHITE	10.84	70.0%	0%	70.0%	0%	30.0%	0.020	0.75	7.59	7.59	0.11	2.72	0.50	0.05	75%
299	PPG, DMD1686G, FINE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.001	0.75	6.05	6.05	0.00	0.05	0.01	0.00	75%
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.005	0.75	6.05	6.05	0.02	0.52	0.09	0.01	75%
301	PPG, DMD1690Q, COARSE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.004	0.75	6.05	6.05	0.02	0.38	0.07	0.01	75%
302	PPG, DMD1693Q, PHTHALO GREEN	7.98	73.0%	0%	73.0%	0%	27.0%	0.001	0.75	5.83	5.83	0.00	0.05	0.01	0.00	75%

Appendix A: Emissions Calculations
 VOC and Particulate
 Enter/Un Line No. 3 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Enter/Ref. No. 3 Paint (Continued)																
(Paint Booth and Flare Booth)																
303	PPG, DMD1694Q, PERRINDO MAROON	7.87	77.0%	0%	77.0%	0%	23.0%	0.005	0.75	6.06	6.06	0.02	0.55	0.10	0.01	75%
419	PPG, DMD1696Q, DELTRON MIXING BASES	9.5	80.0%	0%	80.0%	0%	20.0%	0.000	0.75	7.60	7.60	0.00	0.03	0.01	0.00	75%
311	PPG, DMD1697Q, DBC MIXING SYSTEM	9.5	77.0%	0%	77.0%	0%	23.0%	0.002	0.75	7.32	7.32	0.01	0.30	0.05	0.00	75%
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	7.95	75.0%	0%	75.0%	0%	25.0%	0.003	0.75	5.96	5.96	0.01	0.30	0.05	0.00	75%
305	PPG, DMD1699G, DELTRON MIXING BASES	9.5	80.9%	0%	80.9%	0%	19.1%	0.000	0.75	7.69	7.69	0.00	0.03	0.01	0.00	75%
273	PPG, DMD164Q, VAT BLUE URETHANE	8.19	50.0%	0%	50.0%	0%	50.0%	0.003	0.75	4.10	4.10	0.01	0.24	0.04	0.01	75%
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	8.61	58.0%	0%	58.0%	0%	42.0%	0.000	0.75	4.99	4.99	0.00	0.02	0.00	0.00	75%
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	8.13	52.0%	0%	52.0%	0%	48.0%	0.001	0.75	4.23	4.23	0.00	0.09	0.02	0.00	75%
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	8.65	48.0%	0%	48.0%	0%	52.0%	0.001	0.75	4.15	4.15	0.00	0.08	0.01	0.00	75%
279	PPG, DMD642Q, LOW OPAACITY YELLOW OXIDE	8.9	45.0%	0%	45.0%	0%	55.0%	0.000	0.75	4.01	4.01	0.00	0.01	0.00	0.00	75%
280	PPG, DMD646Q, WEAK WHITE	8.78	56.0%	0%	56.0%	0%	44.0%	0.001	0.75	4.92	4.92	0.00	0.06	0.01	0.00	75%
281	PPG, DMD648Q, WEAK BLACK DELTRON	8.12	51.0%	0%	51.0%	0%	49.0%	0.001	0.75	4.14	4.14	0.00	0.09	0.02	0.00	75%
420	PPG, DMD691Q, GRAPHITE BLACK	8.55	51.0%	0%	51.0%	0%	49.0%	0.000	0.75	4.36	4.36	0.00	0.02	0.00	0.00	75%
330	PPG, DP90LFG, EPOXY PRIMER	11	61.0%	0%	61.0%	0%	39.0%	0.013	0.75	6.71	6.71	0.07	1.58	0.29	0.05	75%
18	PPG, DPX801Q, UNIVERSAL PLASTICS ADHESION PROMOTER	6.95	97.0%	0%	97.0%	0%	3.00%	0.016	0.75	6.74	6.74	0.08	2.00	0.36	0.00	75%
425	PPG, DXS78OZ, Basecoat Activator	8.7	43.7%	0%	43.7%	0%	56.3%	0.003	0.75	3.80	3.80	0.01	0.22	0.04	0.01	75%
306	PPG, DX885G, URETHANE FLATTENING AGENT	8.2	80.0%	0%	80.0%	0%	20.0%	0.002	0.75	6.56	6.56	0.01	0.23	0.04	0.00	75%
321	PPG, DX940G, UNIVERSAL BLENDING SOLVENT	7.27	95.9%	0%	95.9%	0%	4.13%	0.004	0.75	6.97	6.97	0.02	0.48	0.09	0.00	75%
429	PPG, MEK-5, SATWIPES @ SW420185 Wipers.	6.71	0%	0%	0%	0%	100%	0.031	0.75	0.00	0.00	0.00	0.00	0.00	0.17	75%
332	PPG, PRL88, ORANGE PEARL	20.6	10.0%	0%	10.0%	0%	90.0%	0.013	0.75	2.06	2.06	0.02	0.48	0.09	0.20	75%
333	PPG, PRL89, VIOLET PEARL	20.6	10.0%	0%	10.0%	0%	90.0%	0.003	0.75	2.06	2.06	0.01	0.13	0.02	0.05	75%
334	PPG, PRL90, SUNSET RED	21.59	10.0%	0%	10.0%	0%	90.0%	0.002	0.75	2.16	2.16	0.00	0.07	0.01	0.03	75%
372	PPG, PRL91, PRL PEARL LINE	21	10.0%	0%	10.0%	0%	90.0%	0.004	0.75	2.10	2.10	0.01	0.17	0.03	0.07	75%
335	PPG, PRL92, PEARL LINE	19.73	9.63%	0%	9.63%	0%	90.4%	0.004	0.75	1.90	1.90	0.01	0.15	0.03	0.07	75%
336	PPG, PRL93, TINCTURE GOLD	19.73	9.98%	0%	9.98%	0%	90.0%	0.005	0.75	1.97	1.97	0.01	0.18	0.03	0.07	75%
337	PPG, PRL94, BLUE GREEN PEARL	21	10.0%	0%	10.0%	0%	90.0%	0.000	0.75	2.10	2.10	0.00	0.01	0.00	0.00	75%
338	PPG, PRL95, BRIGHT WHITE PEARL	21.58	9.96%	0%	9.96%	0%	90.0%	0.000	0.75	2.15	2.15	0.00	0.01	0.00	0.00	75%
339	PPG, PRL96, RUSSET PEARL	21.58	9.96%	0%	9.96%	0%	90.0%	0.004	0.75	2.15	2.15	0.01	0.15	0.03	0.06	75%
341	PPG, PRL98, FINE WHITE PEARL	17.91	10.0%	0%	10.0%	0%	90.0%	0.004	0.75	1.79	1.79	0.01	0.13	0.02	0.05	75%
343	PPG, PRLX1, CRYSTAL RED PEARL	24.16	9.93%	0%	9.93%	0%	90.1%	0.022	0.75	2.40	2.40	0.04	0.95	0.17	0.39	75%
344	PPG, PRLX2, CRYSTAL SILVER PEARL	23.99	9.59%	0%	9.59%	0%	90.4%	0.005	0.75	2.30	2.30	0.01	0.22	0.04	0.10	75%
346	PPG, PRLX4, CRYSTAL BLUE PEARL	18.33	9.82%	0%	9.82%	0%	90.2%	0.002	0.75	1.80	1.80	0.00	0.05	0.01	0.02	75%
347	PPG, PRLX5, CRYSTAL GREEN PEARL	23.4	9.83%	0%	9.83%	0%	90.2%	0.002	0.75	2.30	2.30	0.00	0.07	0.01	0.03	75%
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	23.15	9.94%	0%	9.94%	0%	90.1%	0.002	0.75	2.30	2.30	0.00	0.07	0.01	0.03	75%
349	PPG, PRLX7, CRYSTAL COPPER PEARL	24.16	9.93%	0%	9.93%	0%	90.1%	0.002	0.75	2.40	2.40	0.00	0.07	0.01	0.03	75%
426	TCI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	6.5	100%	0%	100%	0%	0%	0.031	0.75	6.50	6.50	0.15	3.62	0.66	0.00	100%
Subtotal Booths																
Enter/Un. No. 3																
430	ECP, 51423, AA WB RUST PROTECTANT	8.17	55.00%	0%	55.00%	0%	45%	0.006	0.75	4.49	4.49	0.02	0.45	0.08	0.02	75%
358	U.S. CHEMICAL & PLASTICS, S1030, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.80%	0%	62.80%	0%	37%	0.434	0.75	4.29	4.29	1.40	33.5	6.12	0.91	75%
408	U.S. CHEMICAL & PLASTICS, S1333, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.80%	0%	62.80%	0%	37%	0.417	0.75	4.29	4.29	1.34	32.2	5.88	0.87	75%
Subtotal Undercoating																
											1.95	46.9	8.56	2.384		
											2.76	66.2	12.1	1.79		

PM Control Efficiency: 50.00%

All coatings are "as applied" to the applicators

		PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)
Totals	Uncontrolled:	8.9	214	47.7	6.46
	Controlled:	8.9	214	47.7	3.23

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lbs/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lbs/gal) * Weight % Organics)

PTE of VOC (lbs/hr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr)

PTE of VOC (lbs/day) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (24 hr/day)

PTE of VOC (tons/yr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hr/yr) * (1 ton/2,000 lbs)

PTE of PM/PM10 (tons/yr) = Maximum (units/hr) * Gal of Material (gals/unit) * Density (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) * (8,760 hrs/yr) *(1 ton/2,000 lbs)

Appendix A: Emissions Calculations
VOC and Particulate
Bus/ParaTransit Van Line No. 1

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25888-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Para/Assem. No. 1																
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	9.34	39.9%	0%	39.9%	0%	60.1%	0.329	0.50	3.73	3.73	0.61	14.7	2.68	0	100%
364	ROYAL ADHESIVES AND SEALANTS, DC12354, SILAPRENE SILICONE SEALANT	11.54	0%	0%	0%	0%	100%	0.080	0.50	0	0	0	0	0	0	100%
363	ROYAL ADHESIVES AND SEALANTS, DC12353, SILAPRENE SILICONE SEALANT	11.55	0%	0%	0%	0%	100%	0.124	0.50	0	0	0	0	0	0	100%
422	PPG, DX1787G, ETCHING FILLER	8.42	84.0%	0%	84.0%	0%	16.0%	0.003	0.50	7.07	7.07	0.01	0.24	0.04	0	100%
30	PPG, DX103G, MULTI-PREP	6.57	100%	0%	100%	0%	0%	0.016	0.50	6.57	6.57	0.05	1.27	0.23	0	100%
24	3M SCOTCH WELD HI STRENGTH NON FLAMMABLE 98F SPRAY ADHESIVE	10.08	25.0%	0%	25.0%	0%	25.0%	0.047	0.50	2.52	2.52	0.06	1.43	0.26	0.39	50%
Subtotal:												0.74	17.6	3.22	0.39	
Para/Ref. 1																
410	68003, Acetone	6.55	0%	0%	0%	0%	100%	0.221	0.50	0	0	0	0	0	0	100%
421	BASF, DP402LFG, Epoxy Primer Catalyst	7.75	67.0%	0%	67.0%	0%	33.0%	0.378	0.50	5.19	5.19	0.98	23.6	4.30	1.06	50%
417	PPG, DBX1689G, DELTRON 2000 BASECOAT CON	7.5	90.0%	0%	90.0%	0%	10.0%	0.004	0.50	6.75	6.75	0.01	0.30	0.05	0.00	50%
1	PPG, DP50LF, Gray Epoxy Primer	11.75	34.0%	0%	34.0%	0%	66.0%	0.135	0.50	3.99	3.99	0.27	6.45	1.18	1.14	50%
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	7.67	61.9%	0%	61.9%	0%	38.1%	0.162	0.50	4.75	4.75	0.38	9.22	1.68	0.52	50%
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	7.84	66.0%	0%	66.0%	0%	34.0%	0.001	0.50	5.17	5.17	0.00	0.09	0.02	0.00	50%
6	PPG, DMC900G, STRONG WHITE	10.79	35.0%	0%	35.0%	0%	65.0%	0.027	0.50	3.78	3.78	0.05	1.21	0.22	0.20	50%
241	PPG, DMC901G, STRONG TINTING BLACK	8.45	50.4%	0%	50.4%	0%	49.6%	0.007	0.50	4.26	4.26	0.01	0.35	0.06	0.03	50%
242	PPG, DMC902, CARBON BLACK	8.39	57.0%	0%	57.0%	0%	43.0%	0.001	0.50	4.78	4.78	0.00	0.03	0.01	0.00	50%
17	PPG, DMC903Q, WEAK TINTING BLACK	8.37	53.0%	0%	53.0%	0%	47.0%	0.008	0.50	4.44	4.44	0.02	0.42	0.08	0.03	50%
256	PPG, DMC921G, HIGH COLOR BLACK	8.35	56.0%	0%	56.0%	0%	44.0%	0.000	0.50	4.68	4.68	0.00	0.01	0.00	0.00	50%
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	8.46	53.0%	0%	53.0%	0%	47.0%	0.001	0.50	4.48	4.48	0.00	0.06	0.01	0.00	50%
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	8.17	62.7%	0%	62.7%	0%	37.3%	0.000	0.50	5.12	5.12	0.00	0.02	0.00	0.00	50%
285	PPG, DMD1605Q, MAGENTA	7.97	80.7%	0%	80.7%	0%	19.3%	0.002	0.50	6.35	6.35	0.00	0.12	0.02	0.00	50%
286	PPG, DMD1606Q, PERYLENE MAROON	8.65	81.4%	0%	81.4%	0%	18.6%	0.008	0.50	7.04	7.04	0.03	0.68	0.12	0.01	50%
287	PPG, DMD1607Q, PHTHALO BLUE	7.96	78.3%	0%	78.3%	0%	21.7%	0.003	0.50	6.23	6.23	0.01	0.22	0.04	0.01	50%
288	PPG, DMD1609Q, QUINDO VIOLET BC	7.97	76.0%	0%	76.0%	0%	24.0%	0.001	0.50	6.06	6.06	0.00	0.05	0.01	0.00	50%
289	PPG, DMD1610Q, TRANSPARENT ORANGE	8.23	70.0%	0%	70.0%	0%	30.0%	0.000	0.50	5.76	5.76	0.00	0.03	0.01	0.00	50%
290	PPG, DMD1675Q, PHTHALO BLUE	7.92	73.0%	0%	73.0%	0%	27.0%	0.004	0.50	5.78	5.78	0.01	0.25	0.05	0.01	50%
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	7.96	80.0%	0%	80.0%	0%	20.0%	0.000	0.50	6.37	6.37	0.00	0.01	0.00	0.00	50%
292	PPG, DMD1677Q, SCARLET RED	7.98	72.0%	0%	72.0%	0%	28.0%	0.001	0.50	5.75	5.75	0.00	0.10	0.02	0.00	50%
294	PPG, DMD1679Q, QUINDO RED	7.82	77.0%	0%	77.0%	0%	23.0%	0.001	0.50	6.02	6.02	0.00	0.05	0.01	0.00	50%
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINUM	7.93	76.0%	0%	76.0%	0%	24.0%	0.016	0.50	6.03	6.03	0.05	1.17	0.21	0.03	50%
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	7.89	76.0%	0%	76.0%	0%	24.0%	0.018	0.50	6.00	6.00	0.05	1.27	0.23	0.04	50%
296	PPG, DMD1682Q, COARSE ALUMINUM	7.89	75.0%	0%	76.0%	0%	24.0%	0.013	0.50	6.00	6.00	0.04	0.92	0.17	0.03	50%
297	PPG, DMD1683G, BLACK MIXING BASE	7.6	80.0%	0%	80.0%	0%	20.0%	0.015	0.50	6.08	6.08	0.05	1.10	0.20	0.03	50%
298	PPG, DMD1684G, BASECOAT WHITE	10.84	70.0%	0%	70.0%	0%	30.0%	0.020	0.50	7.59	7.59	0.08	1.81	0.33	0.07	50%
299	PPG, DMD1686G, FINE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.001	0.50	6.05	6.05	0.00	0.04	0.01	0.00	50%
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.005	0.50	6.05	6.05	0.01	0.35	0.06	0.01	50%
301	PPG, DMD1690G, COARSE SATIN ALUMINUM	7.86	77.0%	0%	77.0%	0%	23.0%	0.004	0.50	6.05	6.05	0.01	0.26	0.05	0.01	50%

See page 9 for footnotes and methodology

Appendix A: Emissions Calculations
 VOC and Particulate
 Bus/ParaTransit Van Line No. 1 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Para/Ref. 1 (Continued)																
302	PPG, DMD1693Q, PHTHALO GREEN	7.98	73.0%	0%	73.0%	0%	27.0%	0.001	0.50	5.83	5.83	0.00	0.04	0.01	0.00	50%
303	PPG, DMD1694Q, PERRINDO MAROON	7.87	77.0%	0%	77.0%	0%	23.0%	0.005	0.50	6.06	6.06	0.02	0.37	0.07	0.01	50%
419	PPG, DMD1696Q, DELTRON MIXING BASES	9.5	80.0%	0%	80.0%	0%	20.0%	0.000	0.50	7.60	7.60	0.00	0.02	0.00	0.00	50%
311	PPG, DMD1697Q, DBC MIXING SYSTEM	9.5	77.0%	0%	77.0%	0%	23.0%	0.002	0.50	7.32	7.32	0.01	0.20	0.04	0.01	50%
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	7.95	75.0%	0%	75.0%	0%	25.0%	0.003	0.50	5.96	5.96	0.01	0.20	0.04	0.01	50%
305	PPG, DMD1699G, DELTRON MIXING BASES	9.5	80.9%	0%	80.9%	0%	19.1%	0.000	0.50	7.69	7.69	0.00	0.02	0.00	0.00	50%
273	PPG, DMD614Q, VAT BLUE URETHANE	8.19	50.0%	0%	50.0%	0%	50.0%	0.003	0.50	4.10	4.10	0.01	0.16	0.03	0.01	50%
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	8.61	58.0%	0%	58.0%	0%	42.0%	0.000	0.50	4.99	4.99	0.00	0.02	0.00	0.00	50%
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	8.13	52.0%	0%	52.0%	0%	48.0%	0.001	0.50	4.23	4.23	0.00	0.06	0.01	0.00	50%
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	8.65	48.0%	0%	48.0%	0%	52.0%	0.001	0.50	4.15	4.15	0.00	0.05	0.01	0.01	50%
279	PPG, DMD642Q, LOW OPAACITY YELLOW OXIDE	8.9	45.0%	0%	45.0%	0%	55.0%	0.000	0.50	4.01	4.01	0.00	0.01	0.00	0.00	50%
280	PPG, DMD646Q, WEAK WHITE	8.78	56.0%	0%	56.0%	0%	44.0%	0.001	0.50	4.92	4.92	0.00	0.04	0.01	0.00	50%
281	PPG, DMD648Q, WEAK BLACK DELTRON	8.12	51.0%	0%	51.0%	0%	49.0%	0.001	0.50	4.14	4.14	0.00	0.06	0.01	0.01	50%
420	PPG, DMD691Q, GRAPHITE BLACK	8.55	51.0%	0%	51.0%	0%	49.0%	0.000	0.50	4.36	4.36	0.00	0.01	0.00	0.00	50%
Subtotal:												2.14	51.4	9.38	3.31	
Para/Prime 1																
330	PPG, DP90LFG, EPOXY PRIMER	11	61.0%	0%	61.0%	0%	39.0%	0.013	0.50	6.71	6.71	0.04	1.05	0.19	0.06	50%
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	12.6	33.0%	0%	33.0%	0%	67.0%	0.031	0.50	4.16	4.16	0.06	1.53	0.28	0.28	50%
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	9.67	20.0%	0%	20.0%	0%	80.0%	0.090	0.50	1.93	1.93	0.09	2.10	0.38	0.77	50%
424	PPG, DX320G, 901 Pre-Paint Cleaner	5.94	100%	0%	100%	0%	0%	0.009	0.50	5.94	5.94	0.03	0.67	0.12	0.00	50%
315	PPG, NCP271G, COR RESIST PRIMER CATALYST	12.71	25.0%	0%	25.0%	0%	75.0%	0.000	0.50	3.18	3.18	0.00	0.01	0.00	0.00	50%
357	PPG, NCS2004G, DELTRON PRIMER SEALER-GRA	11.99	46.0%	0%	46.0%	0%	54.0%	0.000	0.50	5.52	5.52	0.00	0.02	0.00	0.00	50%
326	PPG, NCX2200Q, 2K NON-ISO SEALER HARDENE	8.26	52.0%	0%	52.0%	0%	48.0%	0.000	0.50	4.30	4.30	0.00	0.01	0.00	0.00	50%
Subtotal:												0.22	5.39	0.98	1.12	
Para/Un. No. 1																
430	ECCP, 51423, AA WB RUST PROTECTANT	8.17	55.0%	0%	55.0%	0%	45.0%	0.006	0.50	4.49	4.49	0.01	0.30	0.06	0.00	90%
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.8%	0%	62.8%	0%	37.2%	0.434	0.50	4.29	4.29	0.93	22.3	4.08	0.60	75%
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	6.83	62.8%	0%	62.8%	0%	37.2%	0.417	0.50	4.29	4.29	0.90	21.5	3.92	0.58	75%
Subtotal:												1.84	44.1	8.05	1.19	

PM Control Efficiency: 50.00%

All coatings are "as applied" to the applicators

Totals	Uncontrolled:	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)
		4.94	119	21.6	6.01
	Controlled:	4.94	119	21.6	3.01

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lbs/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lbs/gal) * Weight % Organics)

PTE of VOC (lbs/hr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr)

PTE of VOC (lbs/day) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (24 hr/day)

PTE of VOC (tons/yr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hr/yr) * (1 ton/2,000 lbs)

PTE of PM/PM10 (tons/yr) = Maximum (units/hr) * Gal of Material (gals/unit) * Density (lbs/gal) * (1-Weight % Volatiles) * (1-Transfer efficiency) * (8,760 hrs/yr) * (1 ton/2,000 lbs)

Appendix A: Emissions Calculations
VOC and Particulate
Touch-Up Booths

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25888-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gals/unit)	Maximum (units/hr)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency
Touch-Up Booth No. 1 (Plant #4) (8)																
417	PPG, DBX1689G, DELTRON 2000 BASECOAT CON	7.5	90.0%	0%	90.0%	0%	10.0%	0.004	1.25	6.75	6.75	0.031	0.738	0.135	0.01	50%
298	PPG, DMD1684G, BASECOAT WHITE	10.84	70.0%	0%	70.0%	0%	30.0%	0.002	1.25	7.59	7.59	0.024	0.566	0.103	0.02	50%
282	PPG, DMD649G, CLEAR MIXING BASE	8.08	53.0%	0%	53.0%	0%	47.0%	0.001	1.25	4.28	4.28	0.006	0.133	0.024	0.01	50%
322	PPG, DT870G, REDUCER	6.91	100%	0%	100%	0%	0%	0.009	1.25	6.91	6.91	0.078	1.875	0.342	0.00	50%
354	PPG, DX49P, DELTA SUPER ACCELERATOR	8.17	95.0%	0%	95.0%	0%	5.02%	0.001	1.25	7.76	7.76	0.010	0.234	0.043	0.00	50%
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	7.84	0%	0%	0%	0%	100%	0.000	1.25	0	0	0	0	0	0.00	50%
424	PPG, DX320G, 901 Pre-Paint Cleaner	5.94	0%	0%	0%	0%	100%	0.005	1.25	0	0	0	0	0	0.08	50%
26	PPG, DCX61G, HI SOLIDS HARDENER	8.95	0%	0%	0%	0%	100%	0.010	1.25	0	0	0	0	0	0.23	50%
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	7.27	95.9%	0%	95.9%	0%	4.13%	0.000	1.25	6.97	6.97	0.004	0.100	0.018	0.00	50%
327	PPG, DCH3070Q, URETHANE HARDENER	8.82	29.8%	0%	29.8%	0%	70.2%	0.009	1.25	2.63	2.63	0.030	0.728	0.133	0.16	50%
326	PPG, NCX2200Q, 2K NON-ISO SEALER HARDENE	8.26	0%	0%	0%	0%	100%	0.000	1.25	0	0	0	0	0	0.00	50%
425	PPG, DX5780Z, Basecoat Activator	8.7	43.7%	0%	43.7%	0%	56.3%	0.001	1.25	3.80	3.80	0.002	0.060	0.011	0.01	50%
416	PPG, DBC500Q, Color Blender	7.75	73.9%	0%	73.9%	0%	26.1%	0.000	1.25	5.73	5.73	0.002	0.041	0.007	0.00	50%
422	PPG, DX1787G, ETCHING FILLER	8.42	84.0%	0%	84.0%	0%	16.0%	0.000	1.25	7.07	7.07	0.003	0.075	0.014	0.00	50%
Subtotal:												0.19	4.55	0.83	0.52	
Touch-Up Booth No. 2 (Plant #4) (9)																
417	PPG, DBX1689G, DELTRON 2000 BASECOAT CON	7.5	90.0%	0%	90.0%	0%	10.0%	0.004	1.25	6.75	6.75	0.03	0.74	0.13	0.01	50%
298	PPG, DMD1684G, BASECOAT WHITE	10.84	70.0%	0%	70.0%	0%	30.0%	0.002	1.25	7.59	7.59	0.02	0.57	0.10	0.02	50%
282	PPG, DMD649G, CLEAR MIXING BASE	8.08	53.0%	0%	53.0%	0%	47.0%	0.001	1.25	4.28	4.28	0.01	0.13	0.02	0.01	50%
322	PPG, DT870G, REDUCER	6.91	100%	0%	100%	0%	0%	0.009	1.25	6.91	6.91	0.08	1.87	0.34	0.00	50%
354	PPG, DX49P, DELTA SUPER ACCELERATOR	8.17	95.0%	0%	95.0%	0%	5.02%	0.001	1.25	7.76	7.76	0.01	0.23	0.04	0.00	50%
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	7.84	0%	0%	0%	0%	100%	0.000	1.25	0	0	0	0	0	0.00	50%
424	PPG, DX320G, 901 Pre-Paint Cleaner	5.94	0%	0%	0%	0%	100%	0.005	1.25	0	0	0	0	0	0.08	50%
26	PPG, DCX61G, HI SOLIDS HARDENER	8.95	0%	0%	0%	0%	100%	0.010	1.25	0	0	0	0	0	0.23	50%
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	7.27	95.9%	0%	95.9%	0%	4.13%	0.000	1.25	6.97	6.97	0.00	0.10	0.02	0.00	50%
327	PPG, DCH3070Q, URETHANE HARDENER	8.82	29.8%	0%	29.8%	0%	70.2%	0.009	1.25	2.63	2.63	0.03	0.73	0.13	0.16	50%
326	PPG, NCX2200Q, 2K NON-ISO SEALER HARDENE	8.26	0%	0%	0%	0%	100%	0.000	1.25	0	0	0	0	0	0.00	50%
425	PPG, DX5780Z, Basecoat Activator	8.7	43.7%	0%	43.7%	0%	56.3%	0.001	1.25	3.80	3.80	0.00	0.06	0.01	0.01	50%
416	PPG, DBC500Q, Color Blender	7.75	73.9%	0%	73.9%	0%	26.1%	0.000	1.25	5.73	5.73	0.00	0.04	0.01	0.00	50%
422	PPG, DX1787G, ETCHING FILLER	8.42	84.0%	0%	84.0%	0%	16.0%	0.000	1.25	7.07	7.07	0.00	0.07	0.01	0.00	50%
Subtotal:												0.19	4.55	0.83	0.52	

PM Control Efficiency: 50.00%

All coatings are "as applied" to the applicators

Totals		PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)
		Uncontrolled:	0.38	9.1	1.66
	Controlled:	0.38	9.1	1.66	0.52

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lbs/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lbs/gal) * Weight % Organics)
PTE of VOC (lbs/hr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr)
PTE of VOC (lbs/day) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (24 hr/day)
PTE of VOC (tons/yr) = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hrs/yr) * (1 ton/2,000 lbs)
PTE of PM/PM10 (tons/yr) = Maximum (units/hr) * Gal of Material (gals/unit) * Density (lbs/gal) * (1-Weight % Volatiles) * (1-Transfer efficiency) * (8,760 hrs/yr) * (1 ton/2,000 lbs)

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25888-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Density	Total HAP % Weight	Ethylbenzene % Weight	Styrene % Weight	Ethylene Glycol % Weight	MIK % Weight	Toluene % Weight	Hexane % Weight	n-Hexane % Weight	Xylene % Weight	MMA % Weight	HDI % Weight	DBP % Weight	MC % Weight
333	PPG, PRL89, VIOLET PEARL	20.6	0.00%												
334	PPG, PRL90, SUNSET RED	21.59	0.00%												
335	PPG, PRL92, PEARL LINE	19.73	0.00%												
336	PPG, PRL93, TINCTURE GOLD	19.73	0.00%												
337	PPG, PRL94, BLUE GREEN PEARL	21	0.00%												
338	PPG, PRL96, BRIGHT WHITE PEARL	21.58	0.00%												
339	PPG, PRL96, RUSSET PEARL	21.58	0.00%												
340	PPG, PRL97, PRL PEARL LINE	23.7	0.00%												
341	PPG, PRL98, FINE WHITE PEARL	17.91	0.00%												
342	PPG, PRL99, FINE RUSSET PEARL	23	0.00%												
343	PPG, PRLX1, CRYSTAL RED PEARL	24.16	0.00%												
344	PPG, PRLX2, CRYSTAL SILVER PEARL	23.99	0.00%												
345	PPG, PRLX3, CRYSTAL GOLD PEARL	24.16	0.00%												
346	PPG, PRLX4, CRYSTAL BLUE PEARL	18.33	0.00%												
347	PPG, PRLX5, CRYSTAL GREEN PEARL	23.4	0.00%												
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	23.15	0.00%												
349	PPG, PRLX7, CRYSTAL COPPER PEARL	24.16	0.00%												
354	PPG, DX49P, DELTA SUPER ACCELERATOR	8.17	8.50%	1.50%								7.00%			
357	PPG, WC3200AG, DELTRON PRIMER SEALER-GRA	11.99	13.00%									3.00%			
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	6.83	40.00%					35.00%	5.00%						
361	ROYAL ADHESIVES AND SEALANTS, DC12176, SILAPRENE SOLIDSEAL	9.75	3.50%								3.50%				
362	ROYAL ADHESIVES AND SEALANTS, DC12238, HYDRA FAST-EN ADHESIVE	9.29	0.00%												
363	ROYAL ADHESIVES AND SEALANTS, DC12353, SILAPRENE SILICONE SEALANT	11.55	0.00%												
364	ROYAL ADHESIVES AND SEALANTS, DC12354, SILAPRENE SILICONE SEALANT	11.54	0.00%												
365	ROYAL ADHESIVES AND SEALANTS, DC12439, HYDRA FASTEN ADHESIVE PART A	9.99	0.00%												
366	ROYAL ADHESIVES AND SEALANTS, DC12653, SILAPRENE (HI-BOND 1000) (CAN)	5	0.00%												
367	ROYAL ADHESIVES AND SEALANTS, DC12742, SILAPRENE ADHESIVE	7.04	0.00%												
372	PPG, PRL91, PRL PEARL LINE	21	0.00%									35.00%		5.00%	
405	LORD, 1088, FUSOR 1088, 1098, T30 METAL ADH B L C MED.PT.A	9.42	40.00%												
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	9.67	20.00%		20.00%										
407	TCI PRODUCTS, 1905S, WAX AND GREASE REMOVER	6.39	5.00%					5.00%							
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	6.83	35.00%					30.00%		5.00%					
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	9.34	0.00%												
410	66003, Acetone	6.55	0.00%												
411	LOCTITE, 71286, PERMATEX(R) HYLAMAR(R) HPF GASKET DRESSING	9.84	0.00%												
412	PPG, ALK-FP901-01, GRAY ALKYD ENAMEL	8.31	50.00%	10.00%								40.00%			
413	PPG, ALK-FP901-01, LF ORANGE ALKYD ENAMEL	8.31	50.00%	10.00%								40.00%			
414	PPG, ALK-FP701-01, ALK-FP701 (0819)	8.31	50.00%	10.00%								40.00%			
415	SERVICE PRO, COMPLETE A/F, SERVICEPRO COMPLETE™ ANTIFREEZE/COOLANT	9.75	95.00%			95.00%									
416	PPG, DBC5000, Color Blender	7.75	7.00%	1.00%				1.00%				5.00%			
417	PPG, DEX1696G, DELTRON 2000 BASECOAT CON	7.5	30.00%	20.00%								10.00%			
419	PPG, DMD1696Q, DELTRON MIXING BASES	9.5	45.00%	5.00%				20.00%				20.00%			
420	PPG, DMD691Q, GRAPHITE BLACK	8.55	11.00%	1.00%				5.00%				5.00%			
421	BASF, DP402LFG, Epoxy Primer Catalyst	7.75	5.00%					5.00%							
422	PPG, DX1787G, ETCHING FILLER	8.42	4.00%	1.00%							3.00%				
423	PPG, DX1788G, DX1787 CATALYST	7.04	0.00%												
424	PPG, DX320G, 901 Pre-Paint Cleaner	5.94	15.00%					15.00%							
425	PPG, DX5780Z, Basecoat Activator	8.7	6.00%					5.00%					1.00%		
426	TCI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	6.5	0.00%												
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	8.34	10.00%									10.00%			
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	8.34	10.00%									10.00%			
429	CONTEC, MEK-S, SATWIPES @ SW420185 Wipers.	6.71	0.00%												
430	ECP, 51423, AA, WB RUST PROTECTANT	8.17	0.00%												
891	PPG, ALK-FP101-01, BLUE ALKYD ENAMEL	8.21	80.00%	10.00%								70.00%			
892	PPG, ALK-FP801-01, LF YELLOW ALKYD ENAMEL	8.33	37.00%	7.00%								30.00%			
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	8.53	0.00%												
915	PPG, ALK-FP401-01, LF GREEN ALKYD ENAMEL	8.25	50.00%	10.00%								40.00%			

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25886-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Enter/Assem. No. 1 (1)																	
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	0.339	0.75	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	0.329	0.75	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
30	PPG, DX103G, MULTI-PREP	0.016	0.75	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
361	ROYAL ADHESIVES AND SEALANTS, DC12176, SILAPRENE SOLIDSEAL	0.211	0.75	0.05	0.24	0	0	0	0	0	0	0	0	0	0	0	0
366	ROYAL ADHESIVES AND SEALANTS, DC12653, SILAPRENE (HI-BOND 1000) (CAN)	0.219	0.75	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
367	ROYAL ADHESIVES AND SEALANTS, DC12742, SILAPRENE ADHESIVE	0.327	0.75	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0
7	PPG, DX330G, WAX AND GREASE REMOVER	0.027	0.75	0.00	0.01	0	0	0	0	0	0	0	0	0	0	0	0
407	TCI PRODUCTS, 19055, WAX AND GREASE REMOVER	0.417	0.75	0.10	0.44	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal				0.16	0.68	0	0	0	0	0	0	0	0	0	0	0	0
Enter/Ref. No. 1 Primer (2)																	
1	PPG, DP50LF, Gray Epoxy Primer	0.135	0.75	0.11	0.50	0.01	0.00	0	0.04	0.04	0	0	0.04	0	0	0	0
3	PPG, DT885G, Non-Sanding Epoxy Primer Light Gray (Lead Free)	0.274	0.75	0.38	1.68	0.01	0.00	0	0.05	0.21	0	0	0.11	0	0	0	0
422	PPG, DX1787G, ETCHING FILLER	0.004	0.75	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
25	PPG, K201Q, PRIMER SURFACER CATALYST	0.004	0.75	0.00	0.01	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	0.031	0.75	0.05	0.23	0.01	0.00	0	0.00	0.00	0	0	0.04	0	0	0	0
10	PPG, K38G, HIGH BUILD PRIMER SURFACER	0.016	0.75	0.03	0.14	0.00	0.00	0	0.00	0.00	0	0	0.02	0	0	0	0
357	PPG, NCS2004G, DELTRON PRIMER SEALER-GRA	0.000	0.75	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	0.090	0.75	0.13	0.57	0.00	0.13	0	0.00	0.00	0	0	0.00	0	0	0	0
Subtotal				0.71	3.13	0.04	0.13	0	0.08	0.25	0	0	0.21	0	0	0	0
Enter/Ref. No. 1 Paint (Paint Booth #1 and Paint Booth #2)(3)																	
322	PPG, DT870G, REDUCER	0.018	0.75	0.02	0.11	0.00	0.00	0.00	0.00	0.02	0	0	0.00	0	0	0	0
365	ROYAL ADHESIVES AND SEALANTS, DC12439, HYRA FASTEN ADHESIVE PART A	0.025	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
362	ROYAL ADHESIVES AND SEALANTS, DC12239, HYRA FAST-EN ADHESIVE	0.011	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
410	66003, Acetone	0.221	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	0.032	0.75	0.02	0.09	0.00	0.00	0.00	0.00	0.00	0	0	0.02	0	0	0	0
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	0.011	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
416	PPG, DBC500Q, Color Blender	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	0.162	0.75	0.30	1.30	0.03	0.01	0.00	0.00	0.03	0	0	0.23	0	0	0	0
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	0.002	0.75	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
6	PPG, DMC900G, STRONG WHITE	0.021	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
241	PPG, DMC901G, STRONG TINTING BLACK	0.007	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
242	PPG, DMC902, CARBON BLACK	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
17	PPG, DMC903Q, WEAK TINTING BLACK	0.008	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
256	PPG, DMC921G, HIGH COLOR BLACK	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
285	PPG, DMD1605Q, MAGENTA	0.002	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
286	PPG, DMD1606Q, PERYLENE MAROON	0.008	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
287	PPG, DMD1607Q, PHTHALO BLUE	0.003	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
288	PPG, DMD1609Q, QUINDO VIOLET BC	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
289	PPG, DMD1610Q, TRANSPARENT ORANGE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
290	PPG, DMD1675Q, PHTHALO BLUE	0.004	0.75	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
292	PPG, DMD1677Q, SCARLET RED	0.001	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
294	PPG, DMD1679Q, QUINDO RED	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	0.016	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	0.018	0.75	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
296	PPG, DMD1682Q, COARSE ALUMINUM	0.013	0.75	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
297	PPG, DMD1683G, BLACK MIXING BASE	0.015	0.75	0.05	0.21	0.03	0.00	0.00	0.01	0.00	0	0	0.01	0	0	0	0
298	PPG, DMD1684G, BASECOAT WHITE	0.025	0.75	0.03	0.13	0.01	0.00	0.00	0.00	0.00	0	0	0.02	0	0	0	0
299	PPG, DMD1686G, FINE SATIN ALUMINUM	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	0.005	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
301	PPG, DMD1689G, COARSE SATIN ALUMINUM	0.004	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
302	PPG, DMD1693Q, PHTHALO GREEN	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
303	PPG, DMD1694Q, PERRINDO MAROON	0.005	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
419	PPG, DMD1696Q, DELTRON MIXING BASES	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
311	PPG, DMD1697Q, DBC MIXING SYSTEM	0.002	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0

See page 14 for footnotes and methodology

Appendix A: Emissions Calculations

HAPs
Enter/Un Line No. 1 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25889-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Enter/Ref. No. 1 Paint (Continued)																	
(Paint Booth #1 and Paint Booth #2)(3)																	
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	0.003	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
305	PPG, DMD1699G, DELTRON MIXING BASES	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
273	PPG, DMD614Q, VAT BLUE URETHANE	0.003	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
279	PPG, DMD642Q, LOW OPACITY YELLOW OXIDE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
280	PPG, DMD646Q, WEAK WHITE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
281	PPG, DMD648Q, WEAK BLACK DELTRON	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
420	PPG, DMD691Q, GRAPHITE BLACK	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
330	PPG, DP90LFG, EPOXY PRIMER	0.013	0.75	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0	0	0.00	0	0	0	0
18	PPG, DPX801Q, UNIVERSAL PLASTICS ADHESION PROMOTER	0.016	0.75	0.02	0.11	0.00	0.00	0.00	0.00	0.02	0	0	0.01	0	0	0	0
425	PPG, DX578OZ, Basecoat Activator	0.004	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
306	PPG, DX685G, URETHANE FLATTENING AGENT	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	0.005	0.75	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0	0	0.00	0	0	0	0
429	PPG, MEK-5, SATWIPES @ SV420185 Wipers,	0.025	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
332	PPG, PRL88, ORANGE PEARL	0.013	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
333	PPG, PRL89, VIOLET PEARL	0.003	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
334	PPG, PRL90, SUNSET RED	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
372	PPG, PRL91, PRL PEARL LINE	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
335	PPG, PRL92, PEARL LINE	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
336	PPG, PRL93, TINCTURE GOLD	0.005	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
337	PPG, PRL94, BLUE GREEN PEARL	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
338	PPG, PRL95, BRIGHT WHITE PEARL	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
339	PPG, PRL96, RUSSET PEARL	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
341	PPG, PRL98, FINE WHITE PEARL	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
343	PPG, PRLX1, CRYSTAL RED PEARL	0.022	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
344	PPG, PRLX2, CRYSTAL SILVER PEARL	0.005	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
346	PPG, PRLX4, CRYSTAL BLUE PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
347	PPG, PRLX5, CRYSTAL GREEN PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
349	PPG, PRLX7, CRYSTAL COPPER PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
415	SERVICE PRO, COMPLETE A/F, SERVICEPRO COMPLETE™ ANTIFREEZE/COOLANT	0.054	0.75	0.37	1.64	0.00	0.00	0.37	0.00	0.00	0	0	0.00	0	0	0	0
426	TGI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	0.031	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
Subtotal Booths				0.95	4.17	0.09	0.01	0.37	0.03	0.07	0	0	0.38	0	0	0	0
Enter/Un. No. 1																	
430	ECP, 51423, AA WB RUST PROTECTANT	0.006	0.75	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	0.434	0.75	0.89	3.90	0	0	0	0	0.78	0.11	0.00	0	0	0	0	0
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	0.417	0.75	0.75	3.28	0	0	0	0	0.64	0.00	0.11	0	0	0	0	0
Subtotal				1.64	7.17	0	0	0	0	1.42	0.11	0.11	0	0	0	0	0
Total				3.46	15.2	0.12	0.14	0.37	0.11	1.85	0.11	0.11	0.65	0	0	0	0

MIK = Methyl isobutyl ketone
 MMA = Methyl methacrylate
 HDI = Hexamethylene 1,6-Diisocyanate
 DBP = Dibutylphthalate
 MC = Methylene Chloride

METHODOLOGY

PTE of HAP (lbs/hr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr)
 PTE of HAP (tons/yr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hr/yr) * (1 ton/2,000 lbs)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25886-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Enter/Assem. No. 1 (1)																	
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	0.339	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	0.329	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0
30	PPG, DX103G, MULTI-PREP	0.016	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12176,																	
361	SILAPRENE SOLIDSEAL	0.211	0.75	0.05	0.24	0	0	0	0	0.00	0	0	0	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12653,																	
366	SILAPRENE (HI-BOND 1000) (CAN)	0.219	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12742,																	
367	SILAPRENE ADHESIVE	0.327	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0
7	PPG, DX330G, WAX AND GREASE REMOVER	0.027	0.75	0.00	0.01	0	0	0	0	0.00	0	0	0	0	0	0	0
407	TCI PRODUCTS, 19055, WAX AND GREASE REMOVER	0.417	0.75	0.10	0.44	0	0	0	0	0.10	0	0	0	0	0	0	0
Subtotal				0.16	0.68	0	0	0	0	0.10	0	0	0	0	0	0	0
Enter/Ref. No. 1 Primer (2)																	
1	PPG, DP50LF, Gray Epoxy Primer	0.135	0.75	0.11	0.50	0.01	0.00	0	0.04	0.04	0	0	0.04	0	0	0	0
3	PPG, DT885G, Non-Sanding Epoxy Primer Light Gray (Lead Free)	0.274	0.75	0.38	1.68	0.01	0.00	0	0.05	0.21	0	0	0.11	0	0	0	0
422	PPG, DX1787G, ETCHING FILLER	0.004	0.75	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
25	PPG, K201Q, PRIMER SURFACER CATALYST	0.004	0.75	0.00	0.01	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	0.031	0.75	0.05	0.23	0.01	0.00	0	0.00	0.00	0	0	0.04	0	0	0	0
10	PPG, K38G, HIGH BUILD PRIMER SURFACER	0.016	0.75	0.03	0.14	0.00	0.00	0	0.00	0.00	0	0	0.02	0	0	0	0
357	PPG, NCS2004G, DELTRON PRIMER SEALER-GRA	0.000	0.75	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding																	
406		0.090	0.75	0.13	0.57	0.00	0.13	0	0.00	0.00	0	0	0.00	0	0	0	0
Subtotal				0.71	3.13	0.04	0.13	0	0.08	0.25	0	0	0.21	0	0	0	0
Enter/Ref. No. 1 Paint (Paint Booth #1 and Paint Booth #2)																	
322	PPG, DT870G, REDUCER	0.018	0.75	0.02	0.11	0.00	0.00	0.00	0.00	0.02	0	0	0.00	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12439, HYRA																	
365	FASTEN ADHESIVE PART A	0.025	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12239, HYDRA																	
362	FAST-EN ADHESIVE	0.011	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
410	66003, Acetone	0.221	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	0.032	0.75	0.02	0.09	0.00	0.00	0.00	0.00	0.00	0	0	0.02	0	0	0	0
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	0.011	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
416	PPG, DBC500Q, Color Blender	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	0.129	0.75	0.24	1.04	0.02	0.01	0.00	0.00	0.02	0	0	0.19	0	0	0	0
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	0.002	0.75	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
6	PPG, DMC900G, STRONG WHITE	0.021	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
241	PPG, DMC901G, STRONG TINTING BLACK	0.007	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
242	PPG, DMC902, CARBON BLACK	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
17	PPG, DMC903Q, WEAK TINTING BLACK	0.008	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
256	PPG, DMC921G, HIGH COLOR BLACK	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
285	PPG, DMD1605Q, MAGENTA	0.002	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
286	PPG, DMD1606Q, PERYLENE MAROON	0.008	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
287	PPG, DMD1607Q, PHTHALO BLUE	0.003	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
288	PPG, DMD1609Q, QUINDO VIOLET BC	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
289	PPG, DMD1610Q, TRANSPARENT ORANGE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
290	PPG, DMD1675Q, PHTHALO BLUE	0.004	0.75	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
292	PPG, DMD1677Q, SCARLET RED	0.001	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
294	PPG, DMD1679Q, QUINDO RED	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	0.016	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	0.018	0.75	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
296	PPG, DMD1682Q, COARSE ALUMINUM	0.013	0.75	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
297	PPG, DMD1683G, BLACK MIXING BASE	0.015	0.75	0.05	0.21	0.03	0.00	0.00	0.01	0.00	0	0	0.01	0	0	0	0
298	PPG, DMD1684G, BASECOAT WHITE	0.025	0.75	0.03	0.13	0.01	0.00	0.00	0.00	0.00	0	0	0.02	0	0	0	0
299	PPG, DMD1686G, FINE SATIN ALUMINUM	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	0.005	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
301	PPG, DMD1689G, COARSE SATIN ALUMINUM	0.004	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
302	PPG, DMD1693Q, PHTHALO GREEN	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
303	PPG, DMD1694Q, PERRINDO MAROON	0.005	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0

See page 16 for footnotes and methodology

Appendix A: Emissions Calculations

HAPs
Enter/Un Line No. 2 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25889-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Enter/Ref. No. 1 Paint (Continued)																	
(Paint Booth #1 and Paint Booth #2)																	
419	PPG, DMD1696Q, DELTRON MIXING BASES	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
311	PPG, DMD1697Q, DBC MIXING SYSTEM	0.002	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	0.003	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
305	PPG, DMD1699G, DELTRON MIXING BASES	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
273	PPG, DMD614Q, VAT BLUE URETHANE	0.003	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
277	PPG, DMD624Q, CARBOJOL VIOLET URETHANE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
279	PPG, DMD642Q, LOW OPACITY YELLOW OXIDE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
280	PPG, DMD646Q, WEAK WHITE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
281	PPG, DMD648Q, WEAK BLACK DELTRON	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
420	PPG, DMD691Q, GRAPHITE BLACK	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
330	PPG, DP90LFG, EPOXY PRIMER	0.013	0.75	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0	0	0.00	0	0	0	0
18	PPG, DPX801Q, UNIVERSAL PLASTICS ADHESION PROMOTER	0.016	0.75	0.02	0.11	0.00	0.00	0.00	0.00	0.02	0	0	0.01	0	0	0	0
425	PPG, DX578OZ, Basecoat Activator	0.004	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
306	PPG, DX685G, URETHANE FLATTENING AGENT	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	0.005	0.75	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0	0	0.00	0	0	0	0
429	PPG, MEK-5, SATWIPES @ SW420185 Wipers	0.025	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
332	PPG, PRL88, ORANGE PEARL	0.013	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
333	PPG, PRL89, VIOLET PEARL	0.003	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
334	PPG, PRL90, SUNSET RED	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
372	PPG, PRL91, PRL PEARL LINE	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
335	PPG, PRL92, PEARL LINE	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
336	PPG, PRL93, TINCTURE GOLD	0.005	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
337	PPG, PRL94, BLUE GREEN PEARL	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
338	PPG, PRL95, BRIGHT WHITE PEARL	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
339	PPG, PRL96, RUSSET PEARL	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
341	PPG, PRL98, FINE WHITE PEARL	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
343	PPG, PRLX1, CRYSTAL RED PEARL	0.022	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
344	PPG, PRLX2, CRYSTAL SILVER PEARL	0.005	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
346	PPG, PRLX4, CRYSTAL BLUE PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
347	PPG, PRLX5, CRYSTAL GREEN PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
349	PPG, PRLX7, CRYSTAL COPPER PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
	SERVICE PRO, COMPLETE A/F, SERVICEPRO COMPLETE™ ANTIFREEZE/COOLANT	0.054	0.75	0.37	1.64	0.00	0.00	0.37	0.00	0.00	0	0	0.00	0	0	0	0
426	ICI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	0.031	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
Subtotal Paint Booths				0.89	3.91	0.08	0.01	0.37	0.03	0.07	0	0	0.33	0	0	0	0
Enter/Un. No. 1																	
430	ECP, 51423, AA WB RUST PROTECTANT	0.006	0.75	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	0.434	0.75	0.89	3.90	0	0	0	0	0.78	0.11	0.00	0	0	0	0	0
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	0.417	0.75	0.75	3.28	0	0	0	0	0.64	0.00	0.11	0	0	0	0	0
Subtotal				1.64	7.17	0	0	0	0	1.42	0.11	0.11	0	0	0	0	0
Total				3.40	14.9	0.11	0.14	0.37	0.11	1.84	0.11	0.11	0.60	0	0	0	0

MIK = Methyl isobutyl ketone
 MMA = Methyl methacrylate
 HDI = Hexamethylene 1,6-Diisocyanate
 DBP = Dibutylphthalate
 MC = Methylene Chloride

METHODOLOGY

PTE of HAP (lbs/hr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr)
 PTE of HAP (tons/yr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hr/yr) * (1 ton/2,000 lbs)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25886-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Enter/Assem. No. 1 (1)																	
896	DYNATEX, 49294, DYNATEX CLEAR RTV SILICONE SEALANT	0.339	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0.00	0	0	0	0
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	0.329	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0.00	0	0	0	0
30	PPG, DX103G, MULTI-PREP	0.016	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0.00	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12176,																	
361	SILAPRENE SOLIDSEAL	0.211	0.75	0.05	0.24	0	0	0	0	0.00	0	0	0.05	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12653,																	
366	SILAPRENE (HI-BOND 1000) (CAN)	0.219	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0.00	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12742,																	
367	SILAPRENE ADHESIVE	0.327	0.75	0.00	0.00	0	0	0	0	0.00	0	0	0.00	0	0	0	0
7	PPG, DX330G, WAX AND GREASE REMOVER	0.027	0.75	0.00	0.01	0	0	0	0	0.00	0	0	0.00	0	0	0	0
407	TCI PRODUCTS, 19055, WAX AND GREASE REMOVER	0.417	0.75	0.10	0.44	0	0	0	0	0.10	0	0	0.00	0	0	0	0
Subtotal				0.16	0.68	0	0	0	0	0.10	0	0	0.05	0	0	0	0
Enter/Ref. No. 1 Primer (2)																	
1	PPG, DP50LF, Gray Epoxy Primer	0.135	0.75	0.11	0.50	0.01	0.00	0	0.04	0.04	0	0	0.04	0	0	0	0
3	PPG, DT885G, Non-Sanding Epoxy Primer Light Gray (Lead Free)	0.274	0.75	0.38	1.68	0.01	0.00	0	0.05	0.21	0	0	0.11	0	0	0	0
422	PPG, DX1787G, ETCHING FILLER	0.004	0.75	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
25	PPG, K201Q, PRIMER SURFACER CATALYST	0.004	0.75	0.00	0.01	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	0.031	0.75	0.05	0.23	0.01	0.00	0	0.00	0.00	0	0	0.04	0	0	0	0
10	PPG, K38G, HIGH BUILD PRIMER SURFACER	0.016	0.75	0.03	0.14	0.00	0.00	0	0.00	0.00	0	0	0.02	0	0	0	0
357	PPG, NCS2004G, DELTRON PRIMER SEALER-GRA	0.000	0.75	0.00	0.00	0.00	0.00	0	0.00	0.00	0	0	0.00	0	0	0	0
U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding																	
406		0.090	0.75	0.13	0.57	0.00	0.13	0	0.00	0.00	0	0	0.00	0	0	0	0
Subtotal				0.71	3.13	0.04	0.13	0	0.08	0.25	0	0	0.21	0	0	0	0
Enter/Ref. No. 1 Paint (Paint Booth #1 and Paint Booth #2)(3)																	
322	PPG, DT870G, REDUCER	0.018	0.75	0.02	0.11	0.00	0.00	0.00	0.00	0.02	0	0	0.00	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12439, HYRA																	
365	FASTEN ADHESIVE PART A	0.025	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
ROYAL ADHESIVES AND SEALANTS, DC12239, HYDRA																	
362	FAST-EN ADHESIVE	0.011	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
410	66003, Acetone	0.221	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
427	PLASTI-KOTE, M1, FLAT BLACK PAINT	0.032	0.75	0.02	0.09	0.00	0.00	0.00	0.00	0.00	0	0	0.02	0	0	0	0
428	PLASTI-KOTE, M2, FLAT BLACK PAINT	0.011	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
416	PPG, DBC500Q, Color Blender	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	0.129	0.75	0.24	1.04	0.02	0.01	0.00	0.00	0.02	0	0	0.19	0	0	0	0
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	0.002	0.75	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
6	PPG, DMC900G, STRONG WHITE	0.021	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
241	PPG, DMC901G, STRONG TINTING BLACK	0.007	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
242	PPG, DMC902, CARBON BLACK	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
17	PPG, DMC903Q, WEAK TINTING BLACK	0.008	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
256	PPG, DMC921G, HIGH COLOR BLACK	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
312	PPG, DMC981Q, CONCEPT FINE ALUMINUM	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
285	PPG, DMD1605Q, MAGENTA	0.002	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
286	PPG, DMD1606Q, PERYLENE MAROON	0.008	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
287	PPG, DMD1607Q, PHTHALO BLUE	0.003	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
288	PPG, DMD1609Q, QUINDO VIOLET BC	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
289	PPG, DMD1610Q, TRANSPARENT ORANGE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
290	PPG, DMD1675Q, PHTHALO BLUE	0.004	0.75	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
292	PPG, DMD1677Q, SCARLET RED	0.001	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
294	PPG, DMD1679Q, QUINDO RED	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	0.016	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	0.018	0.75	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
296	PPG, DMD1682Q, COARSE ALUMINUM	0.013	0.75	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
297	PPG, DMD1683G, BLACK MIXING BASE	0.015	0.75	0.05	0.21	0.03	0.00	0.00	0.01	0.00	0	0	0.01	0	0	0	0
298	PPG, DMD1684G, BASECOAT WHITE	0.025	0.75	0.03	0.13	0.01	0.00	0.00	0.00	0.00	0	0	0.02	0	0	0	0
299	PPG, DMD1686G, FINE SATIN ALUMINUM	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	0.005	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
301	PPG, DMD1689G, COARSE SATIN ALUMINUM	0.004	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
302	PPG, DMD1693Q, PHTHALO GREEN	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
303	PPG, DMD1694Q, PERRINDO MAROON	0.005	0.75	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0

See page 18 for footnotes and methodology

Appendix A: Emissions Calculations

HAPs
Enter/Un Line No. 3 (Continued)

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25889-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Enter/Ref. No. 1 Paint (Continued)																	
(Paint Booth #1 and Paint Booth #2)(3)																	
419	PPG, DMD1696Q, DELTRON MIXING BASES	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
311	PPG, DMD1697Q, DBC MIXING SYSTEM	0.002	0.75	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	0.003	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
305	PPG, DMD1699G, DELTRON MIXING BASES	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
273	PPG, DMD614Q, VAT BLUE URETHANE	0.003	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
279	PPG, DMD642Q, LOW OPACITY YELLOW OXIDE	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
280	PPG, DMD646Q, WEAK WHITE	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
281	PPG, DMD648Q, WEAK BLACK DELTRON	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
420	PPG, DMD691Q, GRAPHITE BLACK	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
330	PPG, DP90LFG, EPOXY PRIMER	0.013	0.75	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0	0	0.00	0	0	0	0
18	PPG, DPX801Q, UNIVERSAL PLASTICS ADHESION PROMOTER	0.016	0.75	0.02	0.11	0.00	0.00	0.00	0.00	0.02	0	0	0.01	0	0	0	0
425	PPG, DX578OZ, Basecoat Activator	0.004	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
306	PPG, DX685G, URETHANE FLATTENING AGENT	0.001	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	0.005	0.75	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0	0	0.00	0	0	0	0
429	PPG, MEK-5, SATWIPES @ SW420185 Wipers	0.025	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
332	PPG, PRL88, ORANGE PEARL	0.013	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
333	PPG, PRL89, VIOLET PEARL	0.003	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
334	PPG, PRL90, SUNSET RED	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
372	PPG, PRL91, PRL PEARL LINE	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
335	PPG, PRL92, PEARL LINE	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
336	PPG, PRL93, TINCTURE GOLD	0.005	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
337	PPG, PRL94, BLUE GREEN PEARL	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
338	PPG, PRL95, BRIGHT WHITE PEARL	0.000	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
339	PPG, PRL96, RUSSET PEARL	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
341	PPG, PRL98, FINE WHITE PEARL	0.004	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
343	PPG, PRLX1, CRYSTAL RED PEARL	0.022	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
344	PPG, PRLX2, CRYSTAL SILVER PEARL	0.005	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
346	PPG, PRLX4, CRYSTAL BLUE PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
347	PPG, PRLX5, CRYSTAL GREEN PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
348	PPG, PRLX6, CRYSTAL FROST RED PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
349	PPG, PRLX7, CRYSTAL COPPER PEARL	0.002	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
	SERVICE PRO, COMPLETE A/F, SERVICEPRO COMPLETE™ ANTIFREEZE/COOLANT	0.054	0.75	0.37	1.64	0.00	0.00	0.37	0.00	0.00	0	0	0.00	0	0	0	0
426	ICI PRODUCTS, IPA-55, ISOPROPYL ALCOHOL	0.031	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
	Subtotal Each Booth			0.89	3.91	0.08	0.01	0.37	0.03	0.07	0	0	0.33	0	0	0	0
Enter/Un. No. 1																	
430	ECP, 51423, AA WB RUST PROTECTANT	0.006	0.75	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	0.434	0.75	0.89	3.90	0	0	0	0	0.78	0.11	0.00	0	0	0	0	0
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	0.417	0.75	0.75	3.28	0	0	0	0	0.64	0.00	0.11	0	0	0	0	0
	Subtotal			1.64	7.17	0	0	0	0	1.42	0.11	0.11	0	0	0	0	0
	Total			3.40	14.9	0.11	0.14	0.37	0.11	1.84	0.11	0.11	0.60	0	0	0	0

MIK = Methyl isobutyl ketone
 MMA = Methyl methacrylate
 HDI = Hexamethylene 1,6-Diisocyanate
 DBP = Dibutylphthalate
 MC = Methylene Chloride

METHODOLOGY

PTE of HAP (lbs/hr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr)
 PTE of HAP (tons/yr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hr/yr) * (1 ton/2,000 lbs)

HAPs
Bus/ParaTransit Van Line No. 1

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Para/Assem. No. 1																	
409	DYNATRON, 550, GREY AUTOMOTIVE SEAM SEALER	0.329	0.50	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0.00
364	ROYAL ADHESIVES AND SEALANTS, DC12354, SILAPRENE SILICONE SEALANT	0.040	0.50	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0.00
363	ROYAL ADHESIVES AND SEALANTS, DC12353, SILAPRENE SILICONE SEALANT	0.062	0.50	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0.00
422	PPG, DX1787G, ETCHING FILLER	0.002	0.50	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0.00
30	PPG, DX103G, MULTI-PREP	0.008	0.50	0.00	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0.00
24	3M SCOTCH WELD HI STRENGTH NON FLAMMABLE 98F SPRAY ADHESIVE	0.047	0.50	0.17	0.73	0	0	0	0	0.04	0	0	0	0	0	0	0.13
	Subtotal			0.17	0.73	0	0	0	0	0.04	0	0	0	0	0	0	0.13
Para/Ref. 1																	
410	66003, Acetone	0.221	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
421	BASF, DP402LFG, Epoxy Primer Catalyst	0.378	0.50	0.07	0.32	0.00	0.00	0.00	0.00	0.07	0	0	0.00	0	0	0	0
417	PPG, DBX1688G, DELTRON 2000 BASECOAT CON	0.015	0.50	0.02	0.07	0.01	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
322	PPG, DT870G, REDUCER	0.018	0.50	0.02	0.07	0.00	0.00	0.00	0.00	0.01	0	0	0.00	0	0	0	0
1	PPG, DP50LF, Gray Epoxy Primer	0.135	0.50	0.08	0.33	0.00	0.00	0.00	0.02	0.02	0	0	0.02	0	0	0	0
8	PPG, DC3000G, HIGH VELOCITY CLEARCOAT	0.162	0.50	0.20	0.87	0.02	0.01	0.00	0.00	0.02	0	0	0.16	0	0	0	0
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	0.002	0.50	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
6	PPG, DMC900G, STRONG WHITE	0.027	0.50	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
241	PPG, DMC901G, STRONG TINTING BLACK	0.007	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
242	PPG, DMC902, CARBON BLACK	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
17	PPG, DMC903Q, WEAK TINTING BLACK	0.008	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
256	PPG, DMC921G, HIGH COLOR BLACK	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
263	PPG, DMC928Q, WEAK TINTING YELLOW OXIDE	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
312	PPG, DMC981G, CONCEPT FINE ALUMINUM	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
285	PPG, DMD1605Q, MAGENTA	0.002	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
286	PPG, DMD1606Q, PERYLENE MAROON	0.008	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
287	PPG, DMD1607Q, PHTHALO BLUE	0.003	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
288	PPG, DMD1609Q, QUINDO VIOLET BC	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
289	PPG, DMD1610Q, TRANSPARENT ORANGE	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
290	PPG, DMD1675Q, PHTHALO BLUE	0.004	0.50	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
291	PPG, DMD1676Q, GREEN SHADE PHTHALO BLUE	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
292	PPG, DMD1677Q, SCARLET RED	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
294	PPG, DMD1679Q, QUINDO RED	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
15	PPG, DMD1680Q, DELTRON 2000 FINE ALUMINU	0.016	0.50	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
16	PPG, DMD1681Q, DELTRON 2000 MEDIUM ALUMI	0.018	0.50	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
296	PPG, DMD1682Q, COARSE ALUMINUM	0.013	0.50	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
297	PPG, DMD1683G, BLACK MIXING BASE	0.015	0.50	0.03	0.14	0.02	0.00	0.00	0.01	0.00	0	0	0.01	0	0	0	0
298	PPG, DMD1684G, BASECOAT WHITE	0.025	0.50	0.02	0.09	0.01	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
299	PPG, DMD1686G, FINE SATIN ALUMINUM	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
300	PPG, DMD1687G, MEDIUM SATIN ALUMINUM	0.005	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0

See page 20 for footnotes and methodology

Appendix A: Emissions Calculations
HAPs
Bus/ParaTransit Van Line No. 1 (Continued)

Company Name: The Braun Corporation
Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
Minor Source Modification: 131-25829-00017
Minor Permit Modification: 131-25889-00017
Reviewer: Verified by ERG/BL
Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Para/Ref. 1 (Continued)																	
301	PPG, DMD1690G, COARSE SATIN ALUMINUM	0.004	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
302	PPG, DMD1693Q, PHTHALO GREEN	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
303	PPG, DMD1694Q, PERRINDO MAROON	0.005	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
419	PPG, DMD1696Q, DELTRON MIXING BASES	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
311	PPG, DMD1697Q, DBC MIXING SYSTEM	0.002	0.50	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
304	PPG, DMD1698Q, MEDIUM ALUMINUM GOLD	0.003	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
305	PPG, DMD1699G, DELTRON MIXING BASES	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
273	PPG, DMD614Q, VAI BLUE URETHANE	0.003	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
276	PPG, DMD622Q, OPAQUE RED OXIDE URETHANE	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
277	PPG, DMD624Q, CARBOZOL VIOLET URETHANE	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
278	PPG, DMD641Q, TRANSPARENT YELLOW OXIDE	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
279	PPG, DMD642Q, LOW OPACITY YELLOW OXIDE	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
280	PPG, DMD646Q, WEAK WHITE	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
281	PPG, DMD648Q, WEAK BLACK DELTRON	0.001	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
420	PPG, DMD691Q, GRAPHITE BLACK	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
330	PPG, DP90LFG, EPOXY PRIMER	0.007	0.50	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
9	PPG, K36G, ACRYLIC URETHANE PRIMER SURFACER	0.015	0.50	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0	0	0.01	0	0	0	0
406	U.S. CHEMICAL & PLASTICS, 12050, KROMATE LIGHT-Easy Sanding	0.090	0.50	0.09	0.38	0.00	0.09	0.00	0.00	0.00	0	0	0.00	0	0	0	0
424	PPG, DX320G, 901 Pre-Paint Cleaner	0.009	0.50	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
315	PPG, NCP271G, COR RESIST PRIMR CATALYST	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
357	PPG, NCS2004G, DELTRON PRIMER SEALER-GRA	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
326	PPG, NCX2200Q, 2K NON-ISO SEALER HARDENE	0.000	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0.00	0	0	0	0
Subtotal				0.61	2.68	0.07	0.09	0.00	0.03	0.14	0	0	0.27	0	0	0	0
Para/Un. No. 1																	
430	ECP, 51423, AA WB RUST PROTECTANT	0.006	0.50	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0
358	U.S. CHEMICAL & PLASTICS, 51030, RUBBER UNDERCOATING & SOUND DEADENER	0.434	0.50	0.59	2.60	0	0	0	0	0.52	0.07	0.00	0	0	0	0	0
408	U.S. CHEMICAL & PLASTICS, 51333, RUBBER UNDERCOATING & SOUND DEADENER	0.417	0.50	0.50	2.19	0	0	0	0	0.43	0.00	0.07	0	0	0	0	0
Subtotal				1.09	4.78	0	0	0	0	0.95	0.07	0.07	0	0	0	0	0
Total				1.87	8.20	0.07	0.09	0	0.03	1.12	0.07	0.07	0.27	0	0	0	0.13

MIK = Methyl isobutyl ketone
MMA = Methyl methacrylate
HDI = Hexamethylene 1,6-Diisocyanate
DBP = Dibutylphthalate
MC = Methylene Chloride

METHODOLOGY

PTE of HAP (lbs/hr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr)
PTE of HAP (tons/yr) = Weight Percent HAP (%) * Gal of Material (gals/unit) * Maximum (units/hr) * (8,760 hr/yr) * (1 ton/2,000 lbs)

HAPs
Touch-Up Booths

Company Name: The Braun Corporation
 Address City IN Zip: 623 W. 11th Street Winamac, Indiana 46996
 Minor Source Modification: 131-25829-00017
 Minor Permit Modification: 131-25888-00017
 Reviewer: Verified by ERG/BL
 Date: January 10, 2008

ID #	Material	Gal of Mat. (gal/unit)	Maximum (unit/hour)	PTE of Total HAP (lbs/hr)	PTE of Total HAP (tons/yr)	PTE of Ethylbenzene (lbs/hr)	PTE of Styrene (lbs/hr)	PTE of Ethylene Glycol (lbs/hr)	PTE of MIK (lbs/hr)	PTE of Toluene (lbs/hr)	PTE of Hexane (lbs/hr)	PTE of n-Hexane (lbs/hr)	PTE of Xylene (lbs/hr)	PTE of MMA (lbs/hr)	PTE of HDI (lbs/hr)	PTE of DBP (lbs/hr)	PTE of MC (lbs/hr)
Touch-Up Booth No. 1 (Plant #4) (8)																	
417	PPG, DBX1689G, DELTRON 2000 BASECOAT CON	0.015	0.75	0.02	0.11	0.02	0	0	0.00	0.00	0	0	0.01	0	0	0	0
298	PPG, DMD1684G, BASECOAT WHITE	0.006	1.75	0.02	0.08	0.01	0	0	0.00	0.00	0	0	0.01	0	0	0	0
282	PPG, DMD649G, CLEAR MIXING BASE	0.001	2.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
322	PPG, DT870G, REDUCER	0.009	3.75	0.06	0.27	0.00	0	0	0.00	0.05	0	0	0.01	0	0	0	0
354	PPG, DX49P, DELTA SUPER ACCELERATOR	0.000	4.75	0.00	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	0.000	5.75	0.01	0.05	0.00	0	0	0.00	0.00	0	0	0.01	0	0	0	0
424	PPG, DX320G, 901 Pre-Paint Cleaner	0.002	6.75	0.01	0.05	0.00	0	0	0.00	0.01	0	0	0.00	0	0	0	0
26	PPG, DCX61G, HI SOLIDS HARDENER	0.002	7.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	0.002	8.75	0.07	0.32	0.00	0	0	0.06	0.00	0	0	0.01	0	0	0	0
327	PPG, DCH3070Q, URETHANE HARDENER	0.002	9.75	0.06	0.25	0.01	0	0	0.00	0.00	0	0	0.05	0	0	0	0
326	PPG, NCX2200Q, 2K NON-ISO SEALER HARDENE	0.000	10.75	0.00	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
425	PPG, DX5780Z, Basecoat Activator	0.001	11.75	0.01	0.03	0.00	0	0	0.00	0.01	0	0	0.00	0	0	0	0
416	PPG, DBC500Q, Color Blender	0.000	12.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
422	PPG, DX1787G, ETCHING FILLER	0.000	13.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
	Subtotal:			0.27	1.18	0.04	0	0	0.06	0.06	0	0	0.10	0	0	0	0
Touch-Up Booth No. 2 (Plant #4) (9)																	
417	PPG, DBX1689G, DELTRON 2000 BASECOAT CON	0.015	0.75	0.02	0.11	0.02	0	0	0.00	0.00	0	0	0.01	0	0	0	0
298	PPG, DMD1684G, BASECOAT WHITE	0.002	1.75	0.01	0.03	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
282	PPG, DMD649G, CLEAR MIXING BASE	0.001	2.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
322	PPG, DT870G, REDUCER	0.009	3.75	0.06	0.27	0.00	0	0	0.00	0.05	0	0	0.01	0	0	0	0
354	PPG, DX49P, DELTA SUPER ACCELERATOR	0.000	4.75	0.00	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
14	PPG, DC4000G, VELOCITY PREMIUM CLEARCOAT	0.000	5.75	0.01	0.05	0.00	0	0	0.00	0.00	0	0	0.01	0	0	0	0
424	PPG, DX320G, 901 Pre-Paint Cleaner	0.002	6.75	0.01	0.05	0.00	0	0	0.00	0.01	0	0	0.00	0	0	0	0
26	PPG, DCX61G, HI SOLIDS HARDENER	0.005	7.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	3.31E-03	0	0
321	PPG, DX840G, UNIVERSAL BLENDING SOLVENT	0.002	8.75	0.07	0.32	0.00	0	0	0.06	0.00	0	0	0.01	0	0	0	0
327	PPG, DCH3070Q, URETHANE HARDENER	0.002	9.75	0.06	0.25	0.01	0	0	0.00	0.00	0	0	0.05	0	1.59E-03	0	0
326	PPG, NCX2200Q, 2K NON-ISO SEALER HARDENE	0.000	10.75	0.00	0.00	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
425	PPG, DX5780Z, Basecoat Activator	0.001	11.75	0.01	0.03	0.00	0	0	0.00	0.01	0	0	0.00	0	1.07E-03	0	0
416	PPG, DBC500Q, Color Blender	0.000	12.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
422	PPG, DX1787G, ETCHING FILLER	0.000	13.75	0.00	0.01	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0	0
	Subtotal			0.26	1.14	0.03	0	0	0.06	0.06	0	0	0.09	0	0.01	0	0
	Total			0.53	2.32	0.07	0	0	0.12	0.13	0	0	0.20	0	0.01	0	0

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