



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: July 19, 2012

RE: Geocel / 039-32111-00605

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

Notice of Decision – Approval

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 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires 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 of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days from 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.

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.

Enclosures
FNPER-AM.dot12/3/07



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July 19, 2012

Gopi Ganta
Geocel
2504 Marina Drive
Elkhart, Indiana 46514

Re: 039-32111-00605
Third Registration Notice-Only Change to
R039-26703-00605

Dear Gopi Ganta:

Geocel LLC was issued a Registration No. R039-26703-00605 on August 21, 2008 for a stationary sealant, caulk, and adhesive manufacturing plant located at 2504 Marina Drive and 2500 Marina Drive, Elkhart, Indiana. On July 13, 2012 the Office of Air Quality (OAQ) received an application from the source requesting that the registration be updated to indicate a change in ownership and company name change to Geocel. These changes to the registration are considered a notice-only change pursuant to 326 IAC 2-5.5-6(d)(3). Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as strikeouts and new language **bolded**:

The company name has been revised throughout the registration as follows:

Company Name: ~~Geocel LLC~~
Geocel

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Emily Adamson, at (800) 451-6027, press 0 and ask for Emily Adamson or extension 3-0871, or dial (317) 233-0871.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/EA

Attachment: Revised Registration

cc: File - Elkhart County
Elkhart County Health Department
Compliance and Enforcement Branch
Billing, Licensing and Training Section



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REGISTRATION OFFICE OF AIR QUALITY

Geocel
2504 Marina Drive and 2500 Marina Drive
Elkhart, Indiana 46514

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. 039-26703-00605	
Original signed by: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: August 21, 2008

First Registration Revision No. 039-28991-00605, issued on April 6, 2010
First Registration Notice-Only Change No. 039-30096-00605, issued on February 1, 2011
Second Registration Notice-Only Change No. 039-30672-00605, issued on July 29, 2011

Third Registration Notice-Only Change No. 039-32111-00605	
Issued by:  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: July 19, 2012

SECTION A

SOURCE SUMMARY

This registration 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 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant 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 Registrant to obtain additional permits pursuant to 326 IAC 2.

A.1 General Information

The Registrant owns and operates a stationary sealant, caulk, and adhesive manufacturing plant.

Source Address:	2504 Marina Drive, Elkhart, Indiana 46514 2500 Marina Drive, Elkhart, Indiana 46514
General Source Phone Number:	(574)264-0645
SIC Code:	2894
County Location:	Elkhart County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

A.2 Emission Units and Pollution Control Equipment Summary

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

Main Production Building

(a) Pigmenting operations as follows:

- (1) One (1) open-top mixing tank, constructed after 1975 and before 1982, identified as P1, used for the solvent-based pigmenting process, with emissions exhausting to the atmosphere, a total maximum throughput of 1,631 pounds of material per batch, and a processing time of one batch per hour.
- (2) One (1) open-top mixing tank, constructed after 1975 and before 1982, identified as P2, used for both solvent based or water-based pigmenting processes, with emissions exhausting to the atmosphere, a total maximum throughput of 2,000 pounds of material per batch, and a processing time of three batches per day.
- (3) One (1) open-top mixing bucket (5-gallon pail), identified as P3, constructed in 2007, used for the solvent-based and latex-based pigmenting process, utilizing no control devices, and exhausting within the building.
- (4) One (1) pigmenting mixing bucket (5-gallon pail), identified as P4, approved for construction in 2010, used for mixing water-based or solvent-based pigments, utilizing no control devices, and exhausting within the building.

(b) Six (6) solvent mixing tanks equipped with tight fitting lids, equipped with six (6) condensers to capture solvent, using closed loop piping to return the solvent to the mixing tanks for reuse. All six (6) solvent mixing tanks exhaust to a condenser (C1 through C5 and C7). Condensers C1 through C5 and condenser C7 exhaust to one (1) final condenser, C8. The condensers are considered an integral part of the process.

- (1) One (1) solvent mixing tank identified as E1, installed in 1978, with a capacity of 1,000 gallons, equipped with a condenser C1.
- (2) One (1) solvent mixing tank identified as E2, installed on 3/1/2003, with a capacity of 1,900 gallons, equipped with a condenser C2.

- (3) One (1) solvent mixing tank identified as E3, installed on 4/1/2005, with a capacity of 570 gallons, equipped with a condenser C3.
 - (4) One (1) solvent mixing tank identified as E4, installed in 1990, with a capacity of 400 gallons, equipped with a condenser C4.
 - (5) One (1) solvent mixing tank identified as E5, installed in 1982, with a capacity of 400 gallons, equipped with a condenser C5.
 - (6) One (1) solvent mixing tank identified as E7, installed in 1990, with a capacity of 1,000 gallons, equipped with a condenser C7.
- (c) Cleaning operations for the solvent mixing tank as follows: cleaners and solvents having a vapor pressure less than two kilo Pascals (2.0 kPa) at thirty-eight degrees Centigrade (38°C) and less than seven-tenths kilo Pascals (0.7 kPa) at twenty degrees Centigrade (20°C) where the use of which, for all cleaners and solvents combined, does not exceed one hundred forty-five (145) gallons per twelve (12) consecutive month period.
 - (d) Blended product holding tanks as follows: twelve (12) storage tanks with capacity less than or equal to one thousand (1,000) gallons and annual throughputs equal to or less than twelve thousand (12,000) gallons.
 - (e) Finished product packaging area where final water-based and solvent-based finished products (sealants, caulks, adhesives, and solvents) are mechanically inserted into small cartridges, tubes, cans, pails, or other small containers for staging and/or shipping.
 - (f) Five (5) maintenance parts washers, constructed around 1994, with a maximum throughput of twenty-five (25) gallons of solvent per month, and using solvents that contain less than 5% by weight halogenated HAPs.
 - (g) Two (2) perchloroethylene storage tanks identified as Perchloroethylene-1 and Perchloroethylene-2, constructed after 1975 and before 1982, with a maximum storage capacity of 5,000 gallons (668.4 cubic feet), and an annual throughput rate of 112,274 gallons of perchloroethylene per year.
 - (h) Two (2) plasticizer storage tanks identified as Plasticizer-1 and Plasticizer-1, constructed after 1975 and before 1982, with a maximum storage capacity of 5,000 gallons (668.4 cubic feet), and an annual throughput rate of 112,274 gallons of plasticizer raw material per year.
 - (i) One (1) aromatic fluid storage tank identified as Aromatic 100-1, constructed after 1975 and before 1982, with a maximum storage capacity of 4,000 gallons (534.72 cubic feet), and an annual throughput rate of 89,800 gallons of Aromatic 100 fluid per year.
 - (j) One (1) aromatic fluid storage tank identified as Aromatic 100-2, constructed after 1975 and before 1982, with a maximum storage capacity of 4,000 gallons (534.72 cubic feet), and an annual throughput rate of 89,800 gallons of Aromatic 100 fluid per year.
 - (k) One (1) 490-gallon latex compounder, identified as E6, with a maximum capacity of 1,215 pounds per batch, processing a maximum of two (2) batches per day, constructed in 2007, with emissions controlled by condenser C6.
 - (l) One (1) 90-gallon latex compounder, identified as E8, with a maximum batch capacity of 244 pounds per batch, processing a maximum of two-tenths (0.2) batches per day, constructed in 2007, utilizing no control devices.

- (m) One (1) reactivities compounder identified as E9, with a maximum capacity of 100 gallons, constructed in 2007, using only non-VOC and non-HAP materials, with emissions controlled by condenser C9, and exhausting within the building.
- (n) One basic maintenance area that includes basic maintenance-related items such as welding, grinding, and sawing and cutting operations.
- (o) Two (2) enclosed tank washers, approved for construction in 2011, with a combined maximum throughput of 100 gallons of solvent per year.

Reactive Technology Center:

- (a) One (1) 250-gallon mixer, identified as M1, approved for construction in 2010, using a dust collection system as particulate control, and exhausting within the building.
- (b) One (1) 100-gallon mixer, identified as M2, approved for construction in 2010, using a dust collection system as particulate control, and exhausting within the building.
- (c) One (1) 100-gallon mixer, identified as M3, approved for construction in 2011, using a dust collection system as particulate control, and exhausting within the building.
- (d) One (1) 250-gallon mixer, identified as M4, approved for construction in 2011, using a dust collection system as particulate control, and exhausting within the building.
- (e) One (1) pigmenting mixing bucket (5-gallon pail), identified as P5, approved for construction in 2011, used for mixing water-based or solvent-based pigments, utilizing no control devices, and exhausting to the atmosphere.
- (f) One (1) maintenance parts washer, constructed in 2008, with a maximum throughput of eight (8) gallons of Mineral Spirits per month.
- (g) One (1) enclosed tank washer, approved for construction in 2011, with a maximum throughput of 500 gallons of solvent per year.
- (h) One basic maintenance area that includes basic maintenance-related items such as welding, grinding, and sawing and cutting operations.

SECTION B

GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this registration 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 2-1.1-1) shall prevail.

B.2 Effective Date of Registration [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

B.3 Registration Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation), this registration to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this registration.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this registration.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this registration shall not require revocation of this registration.
- (d) For any cause which establishes in the judgment of the fact that continuance of this registration is not consistent with purposes of this article.

B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to Registration No. 039-26703-00605 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this registration.

B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

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

Indianapolis, IN 46204-2251

- (c) The notification 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.

B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]

Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

B.7 Registrations [326 IAC 2-5.1-2(i)]

Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

B.8 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this registration, the Registrant shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this registration or ninety (90) days after initial start-up, whichever is later, 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.

If, due to circumstances beyond the Registrant's control, the PMPs cannot be prepared and maintained within the above time frame, the Registrant may extend the date an additional ninety (90) days provided the Registrant notifies:

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

The Registrant shall implement the PMPs.

- (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 Registrant to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.
- (c) To the extent the Registrant is required by 40 CFR Part 60 or 40 CFR Part 63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such OMM Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

C.1 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 registration:

- (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.2 Fugitive Dust Emissions [326 IAC 6-4]

The Registrant 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).

SECTION D.1

OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

Main Production Building

(a) Pigmenting operations as follows:

- (1) One (1) open-top mixing tank, constructed after 1975 and before 1982, identified as P1, used for the solvent-based pigmenting process, with emissions exhausting to the atmosphere, a total maximum throughput of 1,631 pounds of material per batch, and a processing time of one batch per hour.
- (2) One (1) open-top mixing tank, constructed after 1975 and before 1982, identified as P2, used for both solvent based or water-based pigmenting processes, with emissions exhausting to the atmosphere, a total maximum throughput of 2,000 pounds of material per batch, and a processing time of three batches per day.
- (3) One (1) open-top mixing bucket (5-gallon pail), identified as P3, constructed in 2007, used for the solvent-based and latex-based pigmenting process, utilizing no control devices, and exhausting within the building.
- (4) One (1) pigmenting mixing bucket (5-gallon pail), identified as P4, approved for construction in 2010, used for mixing water-based or solvent-based pigments, utilizing no control devices, and exhausting within the building.

(b) Six (6) solvent mixing tanks equipped with tight fitting lids, equipped with six (6) condensers to capture solvent, using closed loop piping to return the solvent to the mixing tanks for reuse. All six (6) solvent mixing tanks exhaust to a condenser (C1 through C5 and C7). Condensers C1 through C5 and condenser C7 exhaust to one (1) final condenser, C8. The condensers are considered an integral part of the process.

- (1) One (1) solvent mixing tank identified as E1, installed in 1978, with a capacity of 1,000 gallons, equipped with a condenser C1.
- (2) One (1) solvent mixing tank identified as E2, installed on 3/1/2003, with a capacity of 1,900 gallons, equipped with a condenser C2.
- (3) One (1) solvent mixing tank identified as E3, installed on 4/1/2005, with a capacity of 570 gallons, equipped with a condenser C3.
- (4) One (1) solvent mixing tank identified as E4, installed in 1990, with a capacity of 400 gallons, equipped with a condenser C4.
- (5) One (1) solvent mixing tank identified as E5, installed in 1982, with a capacity of 400 gallons, equipped with a condenser C5.
- (6) One (1) solvent mixing tank identified as E7, installed in 1990, with a capacity of 1,000 gallons, equipped with a condenser C7.

(c) Cleaning operations for the solvent mixing tank as follows: cleaners and solvents having a vapor pressure less than two kilo Pascals (2.0 kPa) at thirty-eight degrees Centigrade (38°C) and less than seven-tenths kilo Pascals (0.7 kPa) at twenty degrees Centigrade (20°C) where the use of which, for all cleaners and solvents combined, does not exceed one hundred forty-

five (145) gallons per twelve (12) consecutive month period.

- (d) Blended product holding tanks as follows: twelve (12) storage tanks with capacity less than or equal to one thousand (1,000) gallons and annual throughputs equal to or less than twelve thousand (12,000) gallons.
- (e) Finished product packaging area where final water-based and solvent-based finished products (sealants, caulks, adhesives, and solvents) are mechanically inserted into small cartridges, tubes, cans, pails, or other small containers for staging and/or shipping.
- (f) Five (5) maintenance parts washers, constructed around 1994, with a maximum throughput of twenty-five (25) gallons of solvent per month, and using solvents that contain less than 5% by weight halogenated HAPs.
- (g) Two (2) perchloroethylene storage tanks identified as Perchloroethylene-1 and Perchloroethylene-2, constructed after 1975 and before 1982, with a maximum storage capacity of 5,000 gallons (668.4 cubic feet), and an annual throughput rate of 112,274 gallons of perchloroethylene per year.
- (h) Two (2) plasticizer storage tanks identified as Plasticizer-1 and Plasticizer-1, constructed after 1975 and before 1982, with a maximum storage capacity of 5,000 gallons (668.4 cubic feet), and an annual throughput rate of 112,274 gallons of plasticizer raw material per year.
- (i) One (1) aromatic fluid storage tank identified as Aromatic 100-1, constructed after 1975 and before 1982, with a maximum storage capacity of 4,000 gallons (534.72 cubic feet), and an annual throughput rate of 89,800 gallons of Aromatic 100 fluid per year.
- (j) One (1) aromatic fluid storage tank identified as Aromatic 100-2, constructed after 1975 and before 1982, with a maximum storage capacity of 4,000 gallons (534.72 cubic feet), and an annual throughput rate of 89,800 gallons of Aromatic 100 fluid per year.
- (k) One (1) 490-gallon latex compounder, identified as E6, with a maximum capacity of 1,215 pounds per batch, processing a maximum of two (2) batches per day, constructed in 2007, with emissions controlled by condenser C6.
- (l) One (1) 90-gallon latex compounder, identified as E8, with a maximum batch capacity of 244 pounds per batch, processing a maximum of two-tenths (0.2) batches per day, constructed in 2007, utilizing no control devices.
- (m) One (1) reactives compounder identified as E9, with a maximum capacity of 100 gallons, constructed in 2007, using only non-VOC and non-HAP materials, with emissions controlled by condenser C9, and exhausting within the building.
- (n) One basic maintenance area that includes basic maintenance-related items such as welding, grinding, and sawing and cutting operations.
- (o) Two (2) enclosed tank washers, approved for construction in 2011, with a combined maximum throughput of 100 gallons of solvent per year.

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

Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

D.1.1 Cold cleaners [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the five (5) maintenance parts washers and two (2) enclosed tank washers, which are cold cleaning operations constructed after January 1, 1980, the Registrant 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.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the two (2) enclosed tank washers, which are cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Registrant 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 of 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 Registrant 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.

Compliance Determination Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

D.1.3

Pursuant to 326 IAC 2-5.5, the condensers shall operate at all time when one or more solvent mixing tanks are in operation.

SECTION D.2

OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

Urethane Sealant Manufacturing Building

- (a) One (1) 250-gallon mixer, identified as M1, approved for construction in 2010, using a dust collection system as particulate control, and exhausting within the building.
- (b) One (1) 100-gallon mixer, identified as M2, approved for construction in 2010, using a dust collection system as particulate control, and exhausting within the building.
- (c) One (1) 100-gallon mixer, identified as M3, approved for construction in 2011, using a dust collection system as particulate control, and exhausting within the building.
- (d) One (1) 250-gallon mixer, identified as M4, approved for construction in 2011, using a dust collection system as particulate control, and exhausting within the building.
- (e) One (1) pigmenting mixing bucket (5-gallon pail), identified as P5, approved for construction in 2011, used for mixing water-based or solvent-based pigments, utilizing no control devices, and exhausting to the atmosphere.
- (f) One (1) maintenance parts washer, constructed in 2008, with a maximum throughput of eight (8) gallons of Mineral Spirits per month.
- (g) One (1) enclosed tank washer, approved for construction in 2011, with a maximum throughput of 500 gallons of solvent per year.
- (h) One basic maintenance area that includes basic maintenance-related items such as welding, grinding, and sawing and cutting operations.

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

Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

D.2.1 Cold Cleaners [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the one (1) maintenance parts washer and one (1) enclosed tank washer, which are cold cleaning operations constructed after January 1, 1980, the Registrant 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.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the one (1) enclosed tank washer, which is a cold cleaner degreaser operation without remote solvent reservoir constructed after July 1, 1990, the Registrant 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 Registrant 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.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH**

**REGISTRATION
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

Company Name:	Geocel
Address:	2504 Marina Drive and 2500 Marina Drive
City:	Elkhart , Indiana 46514
Phone Number:	(574)264-0645
Registration No.:	039-26703-00605

I hereby certify that Geocel is :

- still in operation.
- no longer in operation.
- in compliance with the requirements of Registration No. 039-26703-00605.
- not in compliance with the requirements of Registration No. 039-26703-00605.

I hereby certify that Geocel is :

Authorized Individual (typed):
Title:
Signature:
Phone Number:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:



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

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Gopi Ganta
Geocel
2504 Marina Drive
Elkhart, IN 46514

DATE: July 19, 2012

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

SUBJECT: Final Decision
Notice Only
039-32111-00605

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Doug Mattix, Responsible Official
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	DPABST 7/19/2012 Geocel 039-32111-00605 (Final)		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Gopi Ganta Geocel 2504 Marina Dr Elkhart IN 46514 (Source CAATS) (CONFIRM DELIVERY)										
2		Doug Mattix Managing Director Geocel 2504 Marina Dr Elkhart IN 46514 (RO CAATS)										
3		Elkhart County Health Department 608 Oakland Avenue Elkhart IN 46516 (Health Department)										
4		Elkhart County Board of Commissioners 117 North Second St. Goshen IN 46526 (Local Official)										
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