

# MATERIAL SAFETY DATA SHEET

# Geocel<sup>®</sup>

Date Issued: 04/25/2011  
MSDS No: 440150 Aero

## 45P Aerosol

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 45P Aerosol  
**PRODUCT DESCRIPTION:** 45P Aerosol

**DISTRIBUTOR**

Geocel, LLC  
PO Box 398  
Elkhart, IN 46515-0398  
**Product Stewardship:** 574-264-0645

**24 HR. EMERGENCY TELEPHONE NUMBERS**

ChemTel - 800-255-3924

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS:** Excessive inhalation of vapor, intentional misuse by concentrating and inhaling vapor, or ingestion of liquid may be harmful or fatal. Overexposure may cause dizziness, drowsiness, weakness, fatigue, nausea, headache, and unconsciousness. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contact with liquid may defat, dry, and irritate eyes and sensitive skin. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause irritation with temporary redness and stinging and tearing.

**SKIN:** May cause irritation. Repeated or prolonged contact may cause dermatitis.

**INGESTION:** Exposure is unlikely. This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**INHALATION:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**INHALATION:** Signs and symptoms of excessive exposure may be central nervous system effects such as headache, dizziness, nausea, loss of balance and drowsiness.

**MEDICAL CONDITIONS AGGRAVATED:** Possibly skin diseases

**ROUTES OF ENTRY:** Inhalation, eye and skin contact

**PHYSICAL HAZARDS:** Contents under pressure. Vapor may flash, burn, or explode if ignited. Product vapor that is burned or contacts very hot surfaces may decompose, producing corrosive and toxic gasses. Vapor is heavier than air and may become concentrated to hazardous levels in low areas. Cans exposed to direct sunlight or otherwise heated above 120°F (49°C) may burst.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS
p-Chlorobenzotrifluoride	98-56-6	2026811
Ethyl Benzene	100-41-4	- -
Carbon Dioxide	124-38-9	- -
Xylenes (o-,m-,p- Isomers)	1330-20-7	215-535-7
Modified Chlorinated Polypropylene with Maleic	68609-36-9	

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get immediate medical attention.

**SKIN:** Remove contaminated clothing, including shoes, and wash skin with plenty of soap and water. If irritation occurs, seek medical advice. Wash contaminated clothing and shoes before reuse.

**INGESTION:** Get medical attention immediately.

**INHALATION:** IMMEDIATELY move victim fresh air and get medical attention. If breathing is difficult, give oxygen; if stopped, apply artificial respiration.

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**COMMENTS:** Always get prompt medical attention for any ill effects that persist or appear after exposure.

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### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** (106°F)

**GENERAL HAZARD:** Contents under pressure. Vapor may flash, burn, or explode if ignited. Product vapor that is burned or contacts very hot surfaces may decompose, producing corrosive and toxic gases. Vapor is heavier than air and may become concentrated to hazardous levels in low areas.

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, water fog or foam. Water can be used to cool fire exposed containers.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes or vapors, oxides of carbon, chlorine, fluorine.

**OTHER CONSIDERATIONS:** "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

**EXPLOSION HAZARDS:** Cans exposed to direct sunlight or otherwise heated above 120°F (49°C) may burst.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear full protective clothing including self contained breathing apparatus.

**FIRE EXPLOSION:** Closed containers can explode due to buildup of pressure when exposed to extreme heat.

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### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.-- Wearing the appropriate personal protective equipment designated in Section 8, close or cap valves and/or block or plug hole in leaking container and transfer to another container.-- Sweep up spilled material and dispose of at appropriate waste disposal facility according to current applicable laws and regulations. Flush area with water and ensure that the contaminated water is handled according to applicable laws.

**LARGE SPILL:** Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer to the appropriate container for disposal. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations. Ventilate well while cleanup is in process and until fumes dissipate.

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### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** KEEP CAN OUT OF REACH OF CHILDREN. Use outdoors or in a well-ventilated area with a constant, abundant supply of fresh air. Do not allow product vapor to accumulate. Do not use, store, or dispose of near sources of heat, flames, sparks, or other hot surfaces. Do not puncture or incinerate (burn) can. Store can in a cool, dry, well-ventilated area out of direct sunlight. Dispose of in accordance with all applicable federal, state, and local regulations.

**HANDLING:** Avoid temperature extremes.

**STORAGE:** Keep containers tightly closed. Store in cool, dry area away from incompatible materials.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use only in a well-ventilated area with a constant supply of fresh air. Avoid breathing product mist and vapor. If you experience eye watering, headache, or dizziness, increase fresh air, or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent), or leave the area.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** Wear appropriate clothing to minimize skin contact with this product.

**RESPIRATORY:** Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

**PROTECTIVE CLOTHING:** Wear clothing that will protect the skin from exposure to this product.

**WORK HYGIENIC PRACTICES:** Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.- Good personal hygiene practices should always be followed.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Characteristic

**FLASHPOINT AND METHOD:** (106°F)

**(VOC):** VOC content is less than 1% by weight.

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### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

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**CONDITIONS TO AVOID:** Avoid temperature extremes.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

**INCOMPATIBLE MATERIALS:** Strong Oxidizers- Strong acids

**11. TOXICOLOGICAL INFORMATION**

**EYE EFFECTS:** May cause eye irritation.

**SKIN EFFECTS:** May produce some skin irritation after prolonged contact.

**CARCINOGENICITY**

Chemical Name	IARC Status
Ethyl Benzene	2B

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** No environmental studies have been carried out on this product.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PACKING GROUP:** ORM-D

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Immediate health

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt. %	CERCLA RQ
Ethyl Benzene	0	1,000
Xylenes (o-,m-,p- Isomers)	0	100

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**CALIFORNIA PROPOSITION 65:** This product contains the following product on California's Proposition 65 List: CAS# 100-41-4 Ethyl Benzene.

**COMMENTS** We certify the following substances are not intentionally introduced to this product: barium, beryllium, cadmium, chromium, cobalt, copper, hexavalent chromium, lead, manganese, mercury, nickel, selenium, silver, thallium, titanium, zinc.

**16. OTHER INFORMATION**

**APPROVED BY:** Technical Staff

**PREPARED BY:** Technical Staff

**HMIS RATINGS NOTES:** Health 2, Flammability 2, Physical Hazard 0, PPE X

**MANUFACTURER DISCLAIMER:** Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.