

# MATERIAL SAFETY DATA SHEET

# Geocel<sup>®</sup>

Date Issued : 11/14/2011  
 MSDS No : 440400-4  
 Date Revised : 05/11/2012  
 Revision No : 2

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 4350

### 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

**PHYSICAL APPEARANCE:** Paste

**IMMEDIATE CONCERNS:** May cause significant eye and skin irritation.

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause significant irritation to the eyes.

**SKIN:** May cause significant irritation to the skin.

**INGESTION:** May be harmful if ingested

**INHALATION:** Short-term harmful health effects are not expected from vapors generated at ambient temperatures. However, this material is capable of generating small amounts of methanol when reacted with water. Methanol vapor may cause dizziness, drowsiness, disturbance of vision, and tingling, numbness in hands and forearms.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CARCINOGENICITY:** Not listed by NTP, IARC, ACGIH or OSHA

**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing skin and eye disorders.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS
Ethyl Silicate	78-10-4	- -
Amino Silane	1760-24-3	217-164-6
Silane, ethenyltrimethoxy-	2768-02-7	220-449-8
Dibutyl Tin Diacetyl Acetonate	22673-19-4	- -

## 4. FIRST AID MEASURES

**EYES:** Flush with large amounts of water, lifting upper and lower lids occasionally. Seek medical attention.

**SKIN:** Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

**INGESTION:** Get medical attention.

**INHALATION:** Move individual to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** (170°F) Pensky-Martens CC

**EXTINGUISHING MEDIA:** Chemical type foam, CO<sub>2</sub> (Carbon Dioxide), Dry Chemical, Water Fog

**FIRE FIGHTING EQUIPMENT:** Standard protective fire fighting clothing and breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wearing the personal protective equipment designated in Section 8, transfer material to appropriate container for disposal.

**LARGE SPILL:** Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer to the

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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.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid temperature extremes.

**STORAGE:** Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

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

**SKIN:** Chemical resistant protective gloves are recommended.

**RESPIRATORY:** Not normally required. Use NIOSH or MSHA approved respirator as appropriate.

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

**WORK HYGIENIC PRACTICES:** Wash hands thoroughly after each use, especially before eating or smoking. Good personal hygiene practices should always be followed.

**COMMENTS:** Use in well ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Paste

**ODOR:** Low odor

**APPEARANCE:** Viscous liquid

**FLASHPOINT AND METHOD:** (170°F) Pensky-Martens CC

**DENSITY:** 13.72

**SPECIFIC GRAVITY:** 1.640 (water=1)

**(VOC):** Less than 4% by weight minus exempt solvents.

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** This material may cause significant irritation to the eyes.

**SKIN EFFECTS:** This material may cause significant irritation to the skin.

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**OTHER SHIPPING INFORMATION:** Generators must consult DOT laws and regulations to ensure the product is being transported appropriately.

**COMMENTS:** Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** This product poses the following physical and health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

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

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**313 REPORTABLE INGREDIENTS:** This product does not contain toxic chemicals subject to the requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**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# 67-56-1 Methanol.

**COMMENTS** This product meets the RoHS guidelines for electronic components and hardware. We certify the following substances are not intentionally introduced to this product: barium, beryllium, cadmium, chromium, cobalt, copper, hexavalent chromium, lead, manganese, mercury, nickel, polybrominated biphenyls, polybrominated diphenyl ethers, selenium, silver, thallium, titanium, zinc.

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**16. OTHER INFORMATION**

**APPROVED BY:** Technical Staff

**PREPARED BY:** Technical Staff

**REVISION SUMMARY:** This MSDS replaces the 04/16/2012 MSDS. Revised: **Section 15:** CALIFORNIA PROPOSITION 65.

**NFPA STORAGE CLASSIFICATION:** Health 1, Flammability 1, Physical Hazard 0

**HMIS RATINGS NOTES:** Health 1, Flammability 1, Physical Hazard 1, PPE B

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