

MATERIAL SAFETY DATA SHEET

Geocel[®]

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8125

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 8125

MANUFACTURER

Geocel, LLC
P.O. Box 398
Elkhart, IN 46515-0398
Emergency Phone: 574-264-0645

24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTel - 800-255-3924

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

- EYES:** Direct contact may cause moderate irritation.
SKIN: May cause moderate irritation.
INGESTION: Low ingestion hazard in normal use.
INHALATION: Irritates respiratory passages very slightly.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Silica, Amorphous	7 - 13	7631-86-9	231-545-4
Methyl Triacetoxysilane	1 - 5	4253-34-3	224-221-9
Octamethylcyclotetrasiloxane	0.1 - 1	556-67-2	209-136-7
*Carbon Black - Found Only in Black Caulk	0.1 - 1	1333-86-4	215-609-9
Ethyl Triacetoxysilane	1 - 5	17689-77-9	241-677-4

COMMENTS: Carbon Black applies only to Black Sealant. Not found in any other color.

4. FIRST AID MEASURES

EYES: Flush with copious quantities of lukewarm water. Do not attempt to physically remove the solids or gums from the eye. Seek medical attention immediately.

SKIN: Remove contaminated clothing. Wash thoroughly with warm water and non-abrasive soap. Seek medical attention if you feel ill or a reaction develops.

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: Not Applicable

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

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

OTHER CONSIDERATIONS: Avoid direct sources of heat or ignition in uncured state.

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

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, silicone dioxide, metal oxides, formaldehyde, and traces of incompletely burned carbon products.

6. ACCIDENTAL RELEASE MEASURES

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SMALL SPILL: Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer it to the appropriate container for disposal. Clean area as appropriate since silicone materials can represent a slip hazard.

LARGE SPILL: Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer it to the appropriate container for disposal. Ventilate well while clean up is in process and until fumes dissipate. Clean area as appropriate since silicone materials can represent a slip hazard.

7. HANDLING AND STORAGE

STORAGE: Store in an adequately ventilated area under dry conditions between 50°F (10°C) to 77°F (25°C) and keep container tightly sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
*Carbon Black - Found Only in Black Caulk	TWA		3.5		3.5

ENGINEERING CONTROLS: Use in well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: Chemical resistant protective gloves are recommended.

RESPIRATORY: Not required with adequate ventilation.

PROTECTIVE CLOTHING: Coveralls or apron are important in preventing contamination of skin and clothing.

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

COMMENTS: Carbon Black applies only to black sealant. Not found in any other color.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR: Acetic acid

APPEARANCE: Viscous liquid

pH: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

FREEZING POINT: Not Available

FLASHPOINT AND METHOD: Not Applicable

EVAPORATION RATE: Not Available

DENSITY: 8.43

SPECIFIC GRAVITY: 1.010 (water=1)

(VOC): 32.000 g/l

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POSSIBILITY OF HAZARDOUS REACTIONS: Moisture and incompatible materials.

INCOMPATIBLE MATERIALS: Strong oxidizing agents or electrophiles (e.g. ferric chloride). Concentrated acids or bases can degrade the silicone polymer.

11. TOXICOLOGICAL INFORMATION

ACUTE

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Chemical Name	ORAL LD ₅₀ (rat)
Methyl Triacetoxysilane	2060 mg/kg

EYE EFFECTS: Irritating to the eyes.

SKIN EFFECTS: Irritating to the skin.

CARCINOGENICITY

IARC: Black Sealant Only! Carbon black (CAS#1333-86-4): Group 2B - possibly carcinogenic to humans in it's raw state. Chemical is not in a respirable form in this product.

REPRODUCTIVE EFFECTS: Evidence of reproductive effects in laboratory animals when exposed to Octamethylcyclotetrasiloxane (CAS# 556-67-2) by inhalation at concentrations of 500 ppm or higher for 70 days prior to mating.

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 subject to DOT, TDG, IMDG Code or IATA Regulations.

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

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)

Chemical Name	CAS	TSCA SECTION
Silica, Amorphous	7631-86-9	
Methyl Triacetoxysilane	4253-34-3	
Octamethylcyclotetrasiloxane	556-67-2	8d, 12b,
*Carbon Black - Found Only in Black Caulk	1333-86-4	
Ethyl Triacetoxysilane	17689-77-9	

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.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Silica, Amorphous	Contains material that is present on Massachusetts Substance List at $\geq 1\%$ or 0.1% for carcinogens. Contains material present on Pennsylvania Hazardous Substance List present at $\geq 1\%$.

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals on California's Proposition 65 List.

Chemical Name	Wt. %	Listed
*Carbon Black - Found Only in Black Caulk	0.1 - 1	Cancer

COMMENTS We certify the following substances are not intentionally introduced to this product: barium, beryllium, cadmium,

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chromium, cobalt, copper, hexavalent chromium, lead, manganese, mercury, nickel, selenium, silver, thallium, titanium, zinc.

16. OTHER INFORMATION

PREPARED BY: Technical Staff

REVISION SUMMARY: This MSDS replaces the 01/29/2010 MSDS. Revised: **Section 15:** COMMENTS, TSCA REGULATORY. **Section 16:** MANUFACTURER DISCLAIMER.

NFPA STORAGE CLASSIFICATION: Health 2, Flammability 1, Physical Hazard 0

HMIS RATINGS NOTES: Health 2, Flammability 1, Physical Hazard 0, PPE B

COMMENTS: Use this product in a well-ventilated area.

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.