

# MATERIAL SAFETY DATA SHEET

# Geocel®

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8150

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 8150

### 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 will cause irritation.

**SKIN:** May cause moderate irritation. Repeated skin contact may cause allergic skin reaction.

**INGESTION:** Low ingestion hazard in normal use. Repeated ingestion may injure internally.

**INHALATION:** Irritates respiratory passages very slightly. Vapor overexposure may cause drowsiness and prolonged overexposure may injure blood and liver.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Silica, Amorphous	7 - 13	7631-86-9	231-545-4
Methyl Tri(methylethylketoxime)silane	3 - 7	22984-54-9	245-366-4
Tin Compounds, Organic (as Tin) (casrn 77-58-7)	0.1 - 1	77-58-7	- -
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

**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, nitrogen 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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
*Carbon Black - Found Only in Black Caulk	TWA		3.5		3.5

### 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:** Wear an organic vapor NIOSH / MSHA approved respirator.

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Paste

**ODOR:** Low odor

**APPEARANCE:** Viscous liquid

**pH:** Not Available

**VAPOR PRESSURE:** < 5 mmHg

**VAPOR DENSITY:** > 1

**BOILING POINT:** Not Applicable

**FREEZING POINT:** Not Applicable

**FLASHPOINT AND METHOD:** Not Applicable

**EVAPORATION RATE:** Not Applicable

**DENSITY:** 8.68

**SPECIFIC GRAVITY:** 1.040 (water=1)

**(VOC):** 26.000 g/l

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

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

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Direct contact with eyes will irritate.

**SKIN EFFECTS:** Direct contact with skin will irritate.

### CARCINOGENICITY

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

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Titanium Dioxide 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.

**COMMENTS:** This product is a solid therefore it is unlikely to cause atmospheric or soil contamination. As a solid, the product will sink to the bottom of a water course but is completely insoluble in water.

## 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:** Yes

**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 Tri(methylethylketoxime)silane	22984-54-9	
Tin Compounds, Organic (as Tin) (casrn 77-58-7)	77-58-7	
Octamethylcyclotetrasiloxane	556-67-2	8d, 12b,
*Carbon Black - Found Only in Black Caulk	1333-86-4	

**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, 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:** TSCA REGULATORY. **Section 16:** MANUFACTURER DISCLAIMER.

**8150****NFPA STORAGE CLASSIFICATION:** Health 2, Flammability 1, Physical Hazard 0**HMIS RATINGS NOTES:** Health 2, Flammability 1, Physical Hazard 0, PPE B**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.