

# Diversified Silicone Products, Inc.

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## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Fiberglass Reinforced Silicone Rubber  
CHEMICAL NAME: NA  
CHEMICAL FAMILY: Silicone Rubber  
HMIS RATING: H 0 F 1 R 0  
CAS NUMBER: NA  
(All components are TSCA listed)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Fumed Silica (Encapsulated)	68583-49-3	10-50	80mg/m <sup>3</sup> % SiO <sub>2</sub>	2 mg/m <sup>3</sup> (respirable)
Diatomaceous Earth (Encapsulated)	61790-53-2	<10	80mg/m <sup>3</sup> % SiO <sub>2</sub>	2 mg/m <sup>3</sup> (respirable)
Cristobalite (Encapsulated)	14464-46-1	<2	5mg/m <sup>3</sup> % SiO <sub>2</sub> +2 (respirable)	0.05 mg/m <sup>3</sup> (respirable)
Fiberglass (Continuous Filament)	65997-17-3	10-20	5mg/m <sup>3</sup> (As Resp. Nuisance Dust)	5 mg/ m <sup>3</sup>

\* See Section 3

The remaining ingredients are not hazardous as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200.

### 3. HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.  
Dusts may cause respiratory irritation.

INHALATION:  
EYE CONTACT: Dusts may cause irritation.  
SKIN CONTACT: Dusts may cause irritation.  
INGESTION: None Known.  
CHRONIC: None Known.

#### 4. FIRST-AID MEASURES

INHALATION:	Remove to fresh air. Seek medical attention if condition merits.
EYE CONTACT:	Flush eyes and eyelids thoroughly with water and seek medical attention if irritation persists.
SKIN CONTACT:	Wash contacted areas thoroughly with soap and water.
INGESTION:	Not a likely route of exposure. If large amounts of processing dusts are ingested resulting in gastrointestinal discomfort, seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

FLASH POINT:	NA
METHOD USED:	NA
AUTOIGNITION TEMPERATURE:	NA
EXTINGUISHING MEDIA:	<input checked="" type="checkbox"/> Water Fog <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES:	Decomposition in a fire may produce toxic fumes and siliceous char. Firefighters should be equipped with self-contained breathing apparatus.
UNUSUAL FIRE EXPLOSION HAZARDS:	NA
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds.

#### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	None needed.
ENVIRONMENTAL PRECAUTIONS:	None needed.
CLEANING METHODS:	Normal clean-up.

#### 7. HANDLING AND STORAGE

HANDLING:	No special requirements. Avoid processing conditions that release small particles of materials (10 micrometers or less).
STORAGE:	Cool dry area

#### 8. ENGINEERING CONTROLS/PERSONAL PROTECTION

##### VENTILATION

LOCAL:	Recommended in heating, finishing, hot wire, and laser cutting operations.
GENERAL:	Recommended as with all industrial operations.

##### PERSONAL PROTECTION

HAND:	Cotton gloves to protect from fiberglass.
EYE:	Safety glasses are recommended with all industrial operations.
SKIN:	Any material that will prevent contact with fiberglass.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid silicone material
ODOR:	Slight characteristic
PHYSICAL STATE:	Solid
BOILING POINT:	NA
MELTING POINT:	NE
FREEZING POINT:	NE
WATER SOLUBILITY:	None
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	1.26
PARTITION COEFFICIENT:	NA
EXPLOSIVE PROPERTIES:	NA
EVAPORATION RATE:	NA
DENSITY:	1.26 g/cc
VISCOSITY:	NA
IGNITION:	NA
pH:	NA

## 10. STABILITY AND REACTIVITY

STABLE <u>x</u> .	UNSTABLE _____
CONDITIONS TO AVOID:	None known
MATERIALS TO AVOID	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	See Section 5.

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS:	Cristobalite is listed by IARC as Group 1 carcinogen (carcinogenic to humans) and by NTP as "reasonably anticipated to be carcinogen". However the cristobalite in this material is encapsulated eliminating this hazard during normal processing.
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## 12. ECOLOGICAL INFORMATION

NA

## 13. DISPOSAL CONSIDERATION

ENVIRONMENTAL TOXICITY DATA:	NA
WASTE DISPOSAL METHOD:	In accordance with all local, state, and federal regulations (landfill)
CONTAINER DISPOSAL:	In accordance with all local, state, and federal regulations (landfill)

## 14. TRANSPORT INFORMATION

DOT SHIPPING NAME:	NA
DOT HAZARD CLASSIFICATION	NA
PACKING GROUP	NA
UN/NA CODE	NA

## 15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act)	All ingredients are TSCA listed.
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CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act)	NA
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SARA TITLE III (Superfund Amendments and Reauthorization Act)	NA
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311/312 HAZARD CATEGORIES	None
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This product contains the following toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372.

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
NA	NA	NA

## 16. OTHER INFORMATION

NA = Not Applicable  
NE = Not Established

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULT TO BE OBTAINED FROM THE USE THEREOF.

DIVERSIFIED SILICONE PRODUCTS ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.