

# SAFETY DATA SHEET



Date Prepared : 03/11/2014  
SDS No : 125593

## Fiberglass

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Fiberglass  
**PRODUCT CODE:** 125593  
**GENERIC NAME:** Fiberglass

#### MANUFACTURER

Fiberglass Coatings Inc.  
4301A 34th Street North  
St. Petersburg, FL 33714  
**Customer Service:** (800) 272-7890  
**E-Mail:** www.fgci.com  
**Emergency Contact:** Chem-Tel  
**Emergency Phone:** (800) 255-3924

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

No GHS Hazards

#### GHS LABEL

Harmful



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** During the processing of this product, dust may be generated and free filament may be released. Dusts and fibers can cause mechanical irritation of the skin, eyes and mucous membranes. Inhaling dust or fibers may cause short-term irritation of the mouth, nose, and upper airways and of the intestines.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Dusts and fibers from this product may cause temporary mechanical irritation to the eyes.

**SKIN:** Dusts and fibers from this product may cause temporary mechanical irritation to the skin.

**INGESTION:** Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

**INHALATION:** Dusts and fibers from this product may cause mechanical irritation of the nose, throat and respiratory tract.

**MEDICAL CONDITIONS AGGRAVATED:** Chronic respiratory, skin, and eye conditions may temporarily worsen from exposure to glass fibers.

**ROUTES OF ENTRY:** Inhalation, lungs, skin and eye.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Fiber glass	> 99	65997-17-3

**COMMENTS:** Fiber glass (composition consisting principally of oxides of silicon, calcium, aluminum, magnesium and boron fused in an amorphous vitreous state)

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

### 4. FIRST AID MEASURES

**EYES:** Flush with flowing water for 15 minutes - seek medical attention

**SKIN:** Flush with ample cool water followed by washing with mild soap to remove accumulated fibers.

**INGESTION:** Not likely to occur through normal use, should ingestion occur seek medical attention.

**INHALATION:** Move to fresh air area.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** May be combustible at high temperature

**EXTINGUISHING MEDIA:** Use dry chemical, CO<sub>2</sub>, water spray/fog (not jet), or foam

**HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition can cause smoke and fumes.

**FIRE FIGHTING PROCEDURES:** N/A = Not Applicable

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

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Fibers should be cleaned up using a vacuum or by a wet sweeping technique. Do not use compressed air. HEPA filter recommended.

**LARGE SPILL:** Follow procedure for small spills. Large industrial vacuum may be necessary for large scale spill. Follow federal, state, and local regulations for disposal.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store in a dry place away from direct sunlight. Use P.P.E. suitable for your situation.

**STORAGE:** Store in cold, dry well ventilated areas.

### 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>
Fiber glass	TWA	[1]	15 [1]		5
	STEL	[2]	5 [2]		
<b>Footnotes:</b> 1. Non-respirable 2. Respirable					

**ENGINEERING CONTROLS:** Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the TLV or PEL. Mechanical ventilation recommended for process machinery where dust generation is expected.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Not normally required, but as a good safety work practice, suggest the wearing of appropriate eye protection such as safety glasses/side shields or equivalent whenever use of the product releases airborne fibrous glass.

**SKIN:** Barrier creams, gloves, and long sleeve loose fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse.

**RESPIRATORY:** If airborne fibrous glass exceeds the regulatory limits, or if upper respiratory irritation occurs, use a respirator designed for nuisance type dust.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

**COMMENTS:** Exposure to fibrous glass may cause mechanical irritation to the skin, eyes, nose and throat. Typically such irritation occurs to newly exposed individuals, and usually diminishes after several days of exposure.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**ODOR:** Odorless.

**APPEARANCE:** Woven Glass Fabric

**PHYSICAL STATE COMMENTS:** White; solid

**pH:** No data available.

**PERCENT VOLATILE:** No data available.

**FLASH POINT AND METHOD:** No data available.

**FLAMMABLE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** No data available.

**MELTING POINT:** No data available.

**SOLUBILITY IN WATER:** Negligible.

**EVAPORATION RATE:** No data available.

**DENSITY:** No data available.

**SPECIFIC GRAVITY:** 2.5 (Water = 1)

**VISCOSITY:** No data available.

**(VOC):** No data available.

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition can form oxides of Carbon and Nitrogen.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**NOTES:** No data is available on the product itself.

**EYE EFFECTS:** No data available.

**SKIN EFFECTS:** May aggravate pre-existing conditions.

### CARCINOGENICITY

**Notes:** Not considered carcinogenic by OSHA, NTP, or IARC.

**COMMENTS:** Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. People with pre-existing respiratory conditions, may experience difficulty breathing, congestion and chest tightness.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data is available on the product.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal should be in accordance to all Federal, State, and local regulations.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated by DOT

### AIR (ICAO/IATA)

**SHIPPING NAME:** Not Dangerous Goods

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not Dangerous Goods

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

**311/312 HAZARD CATEGORIES:** Immediate (Acute) health hazard.

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

**313 REPORTABLE INGREDIENTS:** This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** N/A = Not Applicable

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

**CERCLA REGULATORY:** N/A = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All items are TSCA listed

**CALIFORNIA PROPOSITION 65:** This product contains no ingredients that would be reportable under California Proposition 65 legislation.

**OSHA HAZARD COMM. RULE:** This product is not considered hazardous as defined by OSHA 29CFR, part 1910.1200

**CANADA**

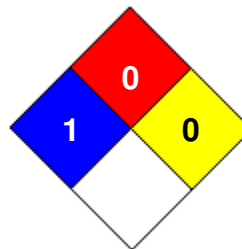
**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Not Listed.

**16. OTHER INFORMATION**

**PREPARED BY:** BC **Date Prepared:** 03/11/2014

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	

**NFPA CODES**

**HMIS RATINGS NOTES:** The customer is responsible for determining the PPE code for this material.

**MANUFACTURER DISCLAIMER:** This information is compiled from sources believed reliable as of the date of issue, it is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.