

# SAFETY DATA SHEET



Date Issued : 2/24/2014  
SDS No : 125941

## Talc

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Talc  
**GENERAL USE:** Functional mineral for use in paper, paints, ceramics, plastic, personal care, food.  
**PRODUCT DESCRIPTION:** Talc in powdered form  
**PRODUCT CODE:** 125941

#### MANUFACTURER

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

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** White Powder.

**IMMEDIATE CONCERNS:** Powder. Can produce airborne dust. May cause eye and respiratory tract irritation.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Dust/fiber may cause eye irritation.

**SKIN:** Minimal risk during normal use.

**INGESTION:** Minimal risk from ingestion during normal industrial use.

**INHALATION:** Dust may be slightly irritating to eyes and respiratory tracts.

**COMMENTS:** These products do not meet the criteria defined in the Regulation EC 1272/2008 and in the Directive 67/548/EC. These products should be handled with care to avoid dust generation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Talc	98	14807-96-6
Chlorite	1	1318-59-8
Dolomite	0.5	16389-88-1
Magnesite	0.5	546-93-0

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

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists seek immediate medical attention.

**SKIN:** No special first aid measures necessary.

**INGESTION:** No first aid measures required.

**INHALATION:** No special first aid measures. Remove to fresh air and get medical attention in case of serious respiratory problems.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Not categorized as Flammable by GHS standards.

**GENERAL HAZARD:** The product is not flammable, combustible or explosive. No hazardous thermal decomposition.

**EXTINGUISHING MEDIA:** Compatible with all extinguishing media.

**FIRE FIGHTING PROCEDURES:** No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Dry product should be cleaned with a shovel or vacuum cleaner while wearing personal protective equipment in compliance with national legislation. Washing the floor with water is not recommended since it may cause the floor to become slippery. However, if talc is already wet, and only in this case, the floor should be thoroughly flushed with water to remove all slipperiness.

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

**ENVIRONMENTAL PRECAUTIONS**

**LAND SPILL:** No special requirements. Contain spillage and clean up as indicated

**GENERAL PROCEDURES:** Avoid airborne dust generation. If the generation of dust is likely, personal protective equipment should be worn in compliance with national legislation.

**7. HANDLING AND STORAGE**

**HANDLING:** Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting.

**STORAGE:** Keep the product dry and in closed containers.

**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>
Talc	TWA		2		2
Magnesite	TWA	5	15		

**ENGINEERING CONTROLS:** Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational measures, e.g., by isolating personnel from dusty areas. Remove and wash soiled clothing.

#### **PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses with side-shields in circumstances where there is a risk of dust generation which could lead to mechanical irritation of the eye.

**SKIN:** No specific requirement.

**RESPIRATORY:** Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

**WORK HYGIENIC PRACTICES:** Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

**COMMENTS:** Follow workplace regulatory exposure limits for all types of airborne dust. For the national regulations about the Occupational Exposure Limit (OEL) of talc powder

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Solid.

**ODOR:** Odorless.

**ODOR THRESHOLD:** N/A = Not Applicable

**APPEARANCE:** White or grayish-white lumps or powder

**COLOR:** White.

**pH:** ~ 8.5 to 9

**Notes:** 10% solution in water

**PERCENT VOLATILE:** No data available.

**FLASH POINT AND METHOD:** N/A = Not Applicable

**FLAMMABLE LIMITS:** N/A = Not Applicable

**AUTOIGNITION TEMPERATURE:** N/A = Not Applicable

**VAPOR PRESSURE:** N/A = Not Applicable

**VAPOR DENSITY:** N/A = Not Applicable

**BOILING POINT:** N/A = Not Applicable

**MELTING POINT:** > 1300 °C (2372 °F)

**SOLUBILITY IN WATER:** Slightly soluble

**EVAPORATION RATE:** N/A = Not Applicable

**DENSITY:** 2.7 g/cm<sup>3</sup>

**SPECIFIC GRAVITY:** No data available.

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

### **10. STABILITY AND REACTIVITY**

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**INCOMPATIBLE MATERIALS:** None known.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)
Magnesite	8000 mg / kg (Rat)

**EYE EFFECTS:** Based on available data, the classification criteria are not met.

**SKIN EFFECTS:** Based on available data, the classification criteria are not met.

**COMMENTS:** Inhalation is the primary route of exposure. Repeated and prolonged exposure to large amount of talc dust might induce a mild pneumoconiosis. This is caused by lung overload exposure, a non specific particle effect, rather than a specific intrinsic fibrogenic activity of talc.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Environmental studies have not been performed for this product.

**ECOTOXICOLOGICAL INFORMATION:** No data are available on this product. No specific adverse effects known.

**BIOACCUMULATION/ACCUMULATION:** No data are available on this product. Product is an inorganic substance and therefore is not considered biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

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

### AIR (ICAO/IATA)

**SHIPPING NAME:** Not Regulated

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not Regulated

## 15. REGULATORY INFORMATION

### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** Not Listed.

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

**TITLE III NOTES:** Components meeting the requirements are listed.

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** Not Listed.

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

**CERCLA REGULATORY:** Not Listed.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.

**TSCA STATUS:** Listed.

**CANADA**

**DOMESTIC SUBSTANCE LIST (INVENTORY):** Listed.

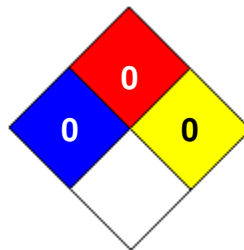
**16. OTHER INFORMATION**

**PREPARED BY:** BC

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>0</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.