

# SAFETY DATA SHEET

## 1.0 IDENTIFICATION

- 1.1 **GHS product identifier:** 881 Filler
- 1.2 **Other means of identification:** Milled Glass Fiber
- 1.3 **Recommended use of the chemical and restrictions on use:** N/A
- 1.4 **Supplier's details:** CASS POLYMERS OF MICHIGAN, INC.  
815 WEST SHEPHERD STREET  
CHARLOTTE MI 48813 USA  
INFORMATION PHONE NUMBER: (248) 588-2270
- 1.5 **Emergency phone number:** (703) 527-3887(Call Collect)

## 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of the substance or mixture:**  
Skin Corrosion/Irritation 2, Eye Damage/Irritation 2B, Specific Target Organ Toxicity, Single Exposure 3
- 2.2 **GHS label elements:**



**Signal Word:** Warning

**Hazard Statement:** Causes skin irritation

**Prevention:** Wash hands thoroughly after handling. Wear protective gloves.

**Response:** If on skin: wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Signal Word:** Warning

**Hazard Statement:** Causes eye irritation

**Prevention:** Flush eyes thoroughly after eye contact.

**Response:** If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.

**Signal Word:** Warning

**Hazard Statement:** May cause respiratory irritation

**Prevention:** Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

**Response:** If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

**Store:** Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal:** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.



- 2.3 **Other hazards which do not result in classification:** N/A
- 2.4 **Hazards Material Information System (United States):**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Physical Hazard</b>	<b>0</b>

Hazard Codes: \*=Chronic Hazard 0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Serious Hazard, 4=Severe Hazard

## 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

- 3.1.1 **Chemical Identity:** Milled Glass Fiber
- 3.1.2 **Common Name:** Glass Fibers
- 3.1.3 **CAS Number and other unique identifiers:** 65997-17-3
- 3.1.4 **Impurities and stabilizing additives:** N/A

## 4.0 FIRST-AID MEASURES

### 4.1 Description of necessary first-aid measures:

**Inhalation:** If inhaled, move the affected person to fresh air. If irritation persists get medical attention.

**Skin Contact:** For skin contact, wash with mild soap and cold water. Do not wash with warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Use a washcloth to help remove

fibers. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into the skin. If irritation persists get medical attention. Never use compressed air to remove fibers from the skin. If fibers are seen penetrating from the skin, the fibers can be removed by applying and removing adhesive tape so that the fibers adhere to the tape and are pulled out of the skin.

**Eye Contact:** Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists get medical attention.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that partial or complete intestinal obstruction does not occur. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if irritation persists.

#### 4.2 Most Important symptoms/effects, acute and delayed:

##### Potential Acute Health Effects:

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

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

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

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

**Medical Conditions Aggravated by Exposure:** Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.

**CARCINOGENS UNDER OSHA, ACGIH, NTP, IARC, OTHER:** This product contains no OSHA, ACGIH, NTP or IARC listed carcinogens in concentrations of 0.1 percent or greater.

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary: N/A

## 5.0 FIRE-FIGHTING MEASURES

### 5.1 Suitable extinguishing media:

Water fog or fine spray. Carbon dioxide. Alcohol resistant foam. Dry chemical fire extinguishers.

### 5.2 Specific hazards arising from the chemical:

Flash point is not determined. May generate toxic or irritating combustion products. Sudden reaction and fire may occur if product is mixed with an oxidizing agent.

### 5.3 Special protective actions for fire-fighters:

Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves.)

## 6.0 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Response Procedures: Isolate area. Keep unnecessary personnel away.

### 6.2 Methods and materials for containment and clean up:

This material will settle out of air. If concentrated on land, it can then be scooped up for disposal as non-hazardous waste. This material will sink and disperse along the bottom of waterways and ponds. It cannot easily be removed after it is waterborne; however, the material is non-hazardous in water.

Clean-Up Procedures: Scoop up material and put into a suitable container for disposal as a non-hazardous waste. Do not use compressed air for cleaning.

## 7.0 HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Keep product in its packaging, as long as practicable to minimize potential dust generation. Keep work areas clean. Avoid unnecessary handling of scrap materials. Wear PPE as described in Section 8.

### 7.2 Conditions for safe storage, including any incompatibilities:

No special procedures.

## 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Component	CAS No.	Percent	Exposure Limits	Source
Glass Fibers Respirable Particulate	65997-17-3	10%	15 mg/m <sup>3</sup> TWA respirable dust, 5 mg/m <sup>3</sup> TWA total inhalable dust 15 mg/m <sup>3</sup> TWA respirable dust	OSHA OSHA ACGIH

### 8.2 Appropriate engineering controls:

**Ventilation:** There is a possibility of high particulate exposure levels when working with this product. At a minimum, local exhaust and/or general dilution ventilation should be provided as necessary to maintain exposures below regulatory and recommended limits. Dust collection systems must be used in transferring operations, cutting or

machining or other dust generating processes because of anticipated dust levels. Vacuum or wet-clean up methods should be used.

### 8.3 Individual protection measures, such as personal protective equipment:

**Respiratory Protection:** A properly fitted NIOSH approved N 95 series disposable dust respirator such as the 3M model 8210 (model 8271 in high humidity environments) or equivalent must be worn when using this material.

Because of the possibility of high particulate levels occurring with this product, it may be necessary to use a half face respirator with P100 or HEPA filters during operations such as maintenance, clean up, or transferring. This decision should be made on a case-by-case basis depending on total exposures. Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

**Skin Protection:** Normal work clothing (long sleeved shirts and long pants) is recommended. Use gloves. Skin irritation is known to occur chiefly at the pressure points such as around the neck, wrists, waist and between the fingers.

**Eyes/Face Protective Equipment:** Wear safety glasses, goggles or face shield.

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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Appearance (physical state, color, etc.):** Fibrous White Powder
  - 9.2 **Odor:** None
  - 9.3 **Odor threshold:** N/A
  - 9.4 **pH:** Not Determined
  - 9.5 **Melting point/freezing point:** Not Determined
  - 9.6 **Initial boiling point and boiling range:** Not Determined
  - 9.7 **Flash Point:** Not Determined
  - 9.8 **Evaporation rate:** N/A
  - 9.9 **Flammability (solid, gas):** N/A
  - 9.10 **Upper/lower flammability or explosive limits:** LFL-Not Determined; UFL-Not Determined
  - 9.11 **Vapor pressure:** Not Determined
  - 9.12 **Vapor Density:** N/A
  - 9.13 **Relative density (specific gravity) :** 2.55 – 2.58
  - 9.14 **Solubility(ies):** Not Determined
  - 9.15 **Partition coefficient; n-octanol/water:** N/A
  - 9.16 **Auto-ignition temperature:** Not Determined
  - 9.17 **Decomposition temperature:** N/A
  - 9.18 **Viscosity:** N/A
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## 10.0 STABILITY AND REACTIVITY

- 10.1 **Reactivity:**
  - 10.2 **Chemical stability:** Stable
  - 10.3 **Possibility of hazardous reactions:** Will not occur
  - 10.4 **Conditions to avoid:** Not applicable
  - 10.5 **Incompatible materials:** None
  - 10.6 **Hazardous decomposition products:** Carbon Monoxide in a fire. Carbon Dioxide in a fire. Irritating and toxic fumes at elevated temperatures.
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## 11.0 TOXICOLOGICAL INFORMATION

- 11.1 **Likely routes of exposure:** Eye Contact, Skin Contact, Inhalation
- 11.2 **Symptoms related to the physical, chemical and toxicological characteristics:**

### Acute Effects:

General Product Information: 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.

- 11.3 **Delayed and immediate effects and also chronic effects from short and long term exposure:**

### Carcinogenicity:

Fiber Glass Continuous Filament: The International Agency for Research on Cancer (IARC) in June 1987, categorized fiberglass continuous filament as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filament as a possible, probable, or confirmed cancer causing material. This conclusion was confirmed by IARC in October 2001.

The American Conference of Governmental Industrial Hygienists (ACGIH) A4 classification, not classifiable as a human carcinogen, for respirable continuous filament glass fibers is based on inadequate data in terms of its carcinogenicity in humans and/or animals.

For respirable continuous filament glass fibers, a TLV-TWA of 1 fiber/cc was adopted to protect workers against mechanical irritation. The TLV-TWA of 5 mg/m<sup>3</sup> was adopted for nonrespirable glass filament fiber, measured as inhalable dust, to prevent mechanical irritation of the upper respiratory tract.

Note: There are no known chronic health effects connected with long term use or contact with these products. Products that are chopped, crushed or severely mechanically processed during manufacture or use may contain a very small amount of respirable glass fiber-like fragments. Persistent respirable glass fibers are suspected to cause cancer. NIOSH defines "respirable fibers" as those greater than 5 microns in length and less than 3 microns in diameter with an aspect ratio of > 5:1 (length-to-width ratio).

#### 11.4 Numerical measures of toxicity:

N/A

### 12.0 ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity:

No data available for this product. This product is not anticipated to harm animals, plants or fish.

#### 12.2 Persistence and degradability:

N/A

#### 12.3 Bioaccumulative potential: N/A

#### 12.4 Mobility in soil: N/A

#### 12.5 Other adverse effects: N/A

### 13.0 DISPOSAL CONSIDERATIONS

#### 13.1 Disposal methods:

General Product Information: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

### 14.0 TRANSPORT INFORMATION

#### Land/Air/Sea/Rail

#### 14.1 UN number: Not Regulated

#### 14.2 UN proper shipping name: Fibrous Glass (Not Regulated)

#### 14.3 Transport hazard class(es): Not Regulated

#### 14.4 Packing group, if applicable: Not Regulated

#### 14.5 Environmental hazards: N/A

#### 14.6 Transport in bulk: N/A

#### 14.7 Special precautions for user: N/A

### 15.0 REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations:

##### TOXIC SUBSTANCES CONTROL ACT (TSCA)-

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

##### TOXIC SUBSTANCE CONTROL ACT (TSCA) 12(b) COMPONENT(S)

None

##### OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es)

Irritant.

##### EPA SARA Title III Section 312 (40CFR370) hazard class

None

##### EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are

None

**CALIFORNIA PROPOSITION 65 SUBSTANCES** (component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986")

None

### CANADA REGULATIONS

DSL

Included on Inventory.

**WHMIS HAZARD CLASSIFICATION**

Not Controlled

**WHMIS INGREDIENT DISCLOSURE LIST**

None

**WHMIS TRADE SECRET REGISTRY NUMBER(S)**

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

None

**WHMIS SYMBOLS**

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**16.0 OTHER INFORMATION**

**16.1 Date of Preparation:** 08/29/2011

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To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any material is the sole responsibility of the users. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.