

**Section 1 Identification**

**Product identifiers**

Product name: Mia 66 Glass Fiber

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Filler

**Details of the supplier of the safety data sheet:**

Freeman Manufacturing and Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Phone (440) 934-1902  
 FAX (440) 934-7200

HMIS	
H	1
F	0
R	0
PPE	
Sec. 8	

**24 Hour Emergency Phone Number: (800) 424-9300 (CHEMTREC)**

**Section 2 Hazards Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Skin Irritation, Category 2  
 Eye Irritation, Category 2B  
 Specific Target Organ Toxicity, Single Exposure, Category 3

**GHS Label elements**



**Signal word**

**Warning**

**Hazard statements**

Causes skin irritation.  
 Causes eye irritation.  
 May cause respiratory irritation.

**Precautionary statements**

**Prevention**

Avoid breathing dust.  
 Use outdoors or in well ventilated area.  
 Wear protective gloves/eye protection/face protection.  
 Wash hands and other affected areas thoroughly after handling.  
 Do not eat, drink, or smoke when using this product.

**Response**

If inhaled: Remove to fresh air and keep comfortable for breathing.  
 Get medical advice/attention if you feel unwell.  
 If on skin: Wash with plenty of soap and water.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 If in eyes: Rinse continuously with water for at least 15 minutes.  
 Remove contact lenses, if present and easy to do.  
 If eye irritation persists: Get medical advice/attention.  
 Take off contaminated clothing and wash before reuse.

**Section 2 Hazards Identification continued**

**Storage**

Store in a well-ventilated place. Keep container tightly closed.

**Disposal**

Dispose of contents and container to an appropriate waste site in accordance with applicable regulations.

**Section 3 Composition/Information on Ingredients**

Ingredient Name	CAS Number	Weight Concentration %
Fibrous Glass (Continuous Filament)	65997-17-3	>99.2

**Section 4 First Aid Measures**

**If inhaled**

Move person into fresh air. Get medical attention if respiratory symptoms persist.

**In case of skin contact**

Wash off with soap and plenty of water. Get medical attention if symptoms occur. 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.

**In case of eye contact**

Immediately flush eyes with water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation occurs or persists.

**If swallowed**

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.

**Section 5 Fire-Fighting Measures**

**Suitable extinguishing media**

Dry chemical, foam, carbon dioxide, and water fog.

**Special hazards arising from the substance or mixture**

None known.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust. For personal protection see section 8.

**Methods and materials for containment and cleaning 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. Scoop up material and put into a suitable container for disposal as a non-hazardous waste. Do not use compressed air for cleaning.

**Section 7 Handling and Storage**

**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.

**Conditions for safe storage, including any incompatibilities**

Store in a dry, cool, clean, and ventilated area.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

Ingredient	OSHA PEL	ACGIH
	TWA	TWA
Fibrous Glass (Non Respirable)	15 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Fibrous Glass (Respirable)	5 mg/m <sup>3</sup>	not established

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of particulates below the recommended exposure 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-cleanup methods should be used.

An eye wash station and safety shower should be located near the workstation.

**Personal Protective Equipment**

**Eye/face protection**

Use safety glasses equipped with side shields, goggles, or face shield. Avoid wearing contact lenses.

**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. Where direct contact or handling causes airborne product, the use of gloves and coveralls is recommended.

**Respiratory protection**

A properly fitted NIOSH approved N 95 series disposable dust respirator 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.

**Safety Stations**

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**General Hygienic Practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	White to gray powder
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>VOC Content</b>	<0.04%
<b>Initial boiling point</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not combustible
<b>Explosive limit - LEL</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Specific Gravity</b>	2.56
<b>Water Solubility</b>	Insoluble
<b>Coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available

**Section 10 Stability and Reactivity**

<b>Reactivity</b>	Non-reactive
<b>Chemical stability</b>	Stable under normal use and recommended storage conditions
<b>Possibility of hazardous reactions</b>	None known
<b>Conditions to avoid</b>	None known
<b>Incompatible materials</b>	None known
<b>Hazardous decomposition products</b>	Primary combustion products are carbon monoxide, hydrogen, carbon dioxide, ammonia and water. Other undetermined compounds could be released in small quantities.

**Section 11 Toxicological Information**

<b>Information on toxicological effects</b>	
<b>Acute oral toxicity</b>	Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.
<b>Acute inhalation toxicity</b>	Inhalation may cause coughing, nose and throat irritation, and sneezing.
<b>Acute dermal toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	Dusts may cause mechanical irritation to skin.
<b>Serious eye damage/eye irritation</b>	Dusts may cause mechanical irritation to eyes.
<b>Respiratory or skin sensitization</b>	People with pre-existing respiratory conditions, may experience difficulty breathing, congestion and chest tightness.

**Section 11 Toxicological Information continued**

<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity:</b>	
<b>IARC</b>	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.
<b>ACGIH</b>	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.
<b>Reproductive toxicity</b>	Not expected to be a hazard
<b>Specific target organ toxicity</b>	Single exposure: None Known.
<b>Specific target organ toxicity</b>	Repeated exposure: None known.
<b>Aspiration hazard</b>	Not applicable

**Section 12 Ecological Information**

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

**Section 13 Disposal Considerations**

**Disposal**

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. No EPA Waste Numbers are applicable for this product's components. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**Section 14 Transport Information**

**DOT:** Not regulated  
**IMDG:** Not regulated  
**IATA:** Not regulated

**Section 15 Regulatory Information**

**US Federal Regulations**

CERCLA Hazardous Substance Reportable Quantity (RQ): None  
SARA 311/312 Codes: Acute Health Hazard  
SARA Toxic Chemical (40 CFR 372.65): Not listed  
TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

**Section 15 Regulatory Information continued**

**US State Regulations**

California Proposition 65: This product does not contain components which are known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Section 16 Other Information**

**Disclaimer**

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