



# Material Safety Data Sheet

**Milled Fiber**

**MSDS No. 001**

Date of Preparation: 8/26/09

Revision: 6/22/11

## Section 1 - Chemical Product and Company Identification

|   |  |
|---|--|
| <b>Product/Chemical Name:</b> Milled Fiber<br><b>Manufacturer:</b> Alpine Milled Glass, LLC<br>26776 W. 12 Mile Road<br>Southfield, MI 48034-7807<br>Phone: (888) 514-8600, Fax: (248) 948-6460 | <b>Emergency Phone:</b> (800) 424-9300<br><b>Date Revised:</b> 6/22/11<br><b>Preparer:</b> Stephanie Nichols |
|---|--|

## Section 2 - Composition / Information on Ingredients

| Ingredient Name | CAS Number | Percent by Weight |
|-----------------|------------|-------------------|
| Fiber Glass     | 65997-17-3 | 100.0             |

**Trace Impurities:**

| Ingredient  | OSHA PEL            |             | ACGIH TLV  |             |
|-------------|---------------------|-------------|--|-------------|
|             | TWA                 | STEL        | TWA  | STEL        |
| Fiber Glass | 1 f/cc (respirable) | none estab. | 1 f/cc (respirable)<br>5 mg/m <sup>3</sup> (inhalable) | none estab. |

## Section 3 - Hazards Identification

### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

|                |
|----------------|
| <b>HMIS</b>    |
| <b>H</b> 1     |
| <b>F</b> 0     |
| <b>R</b> 0     |
| <b>PPE</b> † X |
| †Sec. 8        |

### Potential Health Effects

**Primary Entry Routes:** Inhalation, Eye, and Skin.

**Acute Effects**

**Inhalation:** Inhalation of high concentrations of this inert nuisance particulate can result in mild irritation of the respiratory tract.

**Eye:** May cause irritation through mechanical abrasion.

**Skin:** May cause irritation through mechanical abrasion.

**Ingestion:** Unlikely.

**Carcinogenicity:** This material is not considered a carcinogen.

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

**Chronic Health Effects:** There is no known chronic health effects connected with long-term use or contact with this product.

## Section 4 - First Aid Measures

**Inhalation:** If overcome by high dust concentrations, remove to a ventilated area.

**Eye Contact:** Flush eyes thoroughly for 15 minutes taking care to rinse under eyelids. Do not scrub. Abrasion may cause irritation. If discomfort continues, continue to wash with water. If irritation persists, consult a physician.

**Skin Contact:** Wash skin thoroughly with soap and cold water for at least 15 minutes. DO NOT USE warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Do not rub or scratch affected areas. Consult a physician if irritation persists.

**Ingestion:** If swallowed, rinse mouth with water and drink water to remove fibers from the throat. Watch person for several days to make sure intestinal blockage does not occur. If symptoms persist, contact a physician.

**After first aid, get appropriate in-plant, paramedic, or community medical support.**

**Note to Physicians:** Treat symptomatically.

## Section 5 - Fire-Fighting Measures

**Flash Point:** n/a

**Flash Point Method:** n/a

**Burning Rate:** Not determined.

**Autoignition Temperature:** Not determined.

**Flammability Classification:** Non-flammable.

**Extinguishing Media:** Water spray, carbon dioxide, foam, or other dry chemical.

**Unusual Fire or Explosion Hazards:** None known.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, hydrogen.

**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Use a vacuum with a high efficiency filter to clean up dust and fiber contamination. Avoid dry sweeping. Collect solids. Recycle if possible.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

## Section 7 - Handling and Storage

**Handling Precautions:** Avoid generating dust during handling. Do not breathe dust. Wear personal protective equipment.

**Storage Requirements:** Keep material dry. Keep product in original packaging until use.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:**

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Administrative Controls:**

**Respiratory Protection:** N95 type dust respirator or better is recommended.

**Protective Clothing/Equipment:** Safety glasses with side shields. Protective gloves, long sleeved shirt and long pants.

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

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

**Physical State:** white to gray powder

**Appearance and Odor:** odorless

**Odor Threshold:** n/e

**Vapor Pressure:** n/e

**Vapor Density (Air=1):** n/a

**Formula Weight:** n/a

**Density:** n/a

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 2.6

**pH:** n/a

**Water Solubility:** Insoluble

**Other Solubilities:** n/a

**Boiling Point:** n/a

**Freezing/Melting Point:** >800C (1472F)

**Viscosity:** n/a

**Refractive Index:** n/a

**Surface Tension:** n/a

**% Volatile:** n/a

**Evaporation Rate:** n/a

## Section 10 - Stability and Reactivity

**Stability:** This product is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization cannot occur.

**Chemical Incompatibilities:** None known.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, hydrogen.

## Section 11- Toxicological Information

### Toxicity Data:\*

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. High exposures may cause difficulty breathing, congestion, and chest tightness.

Sensitization: No information available.  
 Mutagenicity: No information available.  
 Reproductive Toxicity: No information available.  
 Teratogenicity: No information available.  
 Neurological Effects: No information available.

## Section 12 - Ecological Information

Ecotoxicity: This material is not expected to cause harm to animals, plants, or fish.  
 Bioaccumulation: Not available.  
 Biodegradation: Not available.  
 Mobility in environmental media: Not available.

## Section 13 - Disposal Considerations

**Disposal:** Recycle if possible or landfill. This substance is inert and does not require special disposal methods. Follow applicable Federal, state, and local regulations.  
**RCRA Info:** No EPA Waste Numbers are applicable for this product. This material is not expected to be a characteristic hazardous waste under RCRA.

## Section 14 - Transport Information

**DOT Transportation Data (49 CFR 172.101):** This product is not classified as dangerous under the transport regulations for road, rail, sea, or air transport.

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| DOT Shipping Name: Not regulated      | IATA Shipping Name: Not regulated |
| Canadian Shipping Name: Not regulated | IMDG Shipping Name: Not regulated |
| ADR Shipping Name: Not regulated      | RID Shipping Name: Not regulated  |
| ICAO Shipping Name: Not regulated     | MEX Shipping Name: Not regulated  |

## Section 15 - Regulatory Information

### EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)  
 RCRA Hazardous Waste Classification: Not classified  
 CERCLA Hazardous Substance (40 CFR 302.4) Not listed  
 SARA Toxic Chemical (40 CFR 372.65): Not listed  
 SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed  
 SARA 311/312 Hazard Categories:

|                          |                                       |
|--------------------------|---------------------------------------|
| Acute Health Hazard: Yes | Chronic Health Hazard: No             |
| Risk of Ignition: No     | Sudden Release of Pressure Hazard: No |
| Reactive Hazard: No      |                                       |

California Proposition 65: This product does not contain any Proposition 65 chemicals.

### OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

### TSCA

This substance or all of its components are on the Chemical Substances Inventory of the Toxic Substance Control Act (TSCA Inventory [USA]). Please note that this product is not subject to any legal reporting requirements under these acts.

### INTERNATIONAL REGULATIONS

Australia: Listed on AICS.  
 Canada: This product is listed on the DSL.  
 Canada WHMIS: Not controlled.  
 China: Listed  
 Europe: Listed on EINECS. Number 266-046-0.  
 Japan: Not listed  
 Philippines: Listed on PICCS.  
 South Korea: Listed on KECL. Number KE-17630.

**Section 16 - Other Information**

**Prepared By:** Stephanie Nicols

**Revision Notes:** Updated HMIS, Section 15.

**Product Grades Available from the R. J. Marshall Company** (this list may be incomplete):

|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| R101-CG.2 | R101-CG.3 | R101-CG.4 | R101-CG.5 | R101-CG.6 | R101-CG.7 |
|-----------|-----------|-----------|-----------|-----------|-----------|

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