Material Safety Data Sheet

Section 1 - Product and Company Information

Product Name: FiberFlex

Company Identification: Urethane Supply Company
1128 Kirk Rd.
Rainsville, AL 35986

Section 2 - Hazards Identification

Appearance:

Odor:

Hazard of Product:

HMIS Rating (Scale 0 - 4)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FIRE</th>
<th>PHYSICAL</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>B</td>
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</tbody>
</table>

NFPA Ratings

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FIRe</th>
<th>PHYSICAL</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Potential Health Effects

Eye Contact: The cool solid material is not expected to cause eye irritation. Thermal burns may result from contact with the hot material.

Skin Absorption: If molten material comes in contact with skin, cool under ice water or a running stream of water. Do not attempt to remove the material from the skin. Removal could result in severe tissue damage. Get medical attention.

Inhalation: Prolonged or repeated inhalation of vapors or fumes from the heated material may be irritating to the upper respiratory tract.

Ingestion: N/A

Section 3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>1317-65-3</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Styrene-Butadiene Styrene Block Copolymer</td>
<td>9003-55-8</td>
<td>&lt;3%</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>14808-60-7</td>
<td>&lt;0.2%</td>
</tr>
<tr>
<td>Butylated Hydroxy Toluene (BHT)</td>
<td>128-37-0</td>
<td>&lt;0.1%</td>
</tr>
</tbody>
</table>

Section 4 - First-Aid Measures

Medical Conditions Aggravated by Exposure: None

Section 5 - Fire Fighting Measures

Extinguishing Media: Water spray, foam or carbon dioxide

Fire Fighting Procedures: Use self-contained breathing apparatus and protective coating. If possible, water should be
Material Safety Data Sheet - FiberFlex

applied as a spray from a fogging nozzle since this polymer is a surface burning material.

Unusual Fire and Explosion Hazards: N/A

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: If liquid material is spilled, allow it to cool and solidify. Place material in disposal containers and dispose of in a manner consistent with applicable regulations.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: Keep out of reach of children. For professional use only. Not intended for sale to the general public.

Other Precautions:

Storage: Store in a cool, dry, well ventilated area.

Section 8 - Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Component</th>
<th>Source</th>
<th>Type</th>
<th>Value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline Silica</td>
<td>ACGIH</td>
<td>TLV</td>
<td>0.025 mg/m³</td>
<td>Suspected Human Carcinogen</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>OSHA</td>
<td>PEL</td>
<td>30 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Personal Protection

Eye/Face Protection: Goggles or side-shielded safety glasses.

Skin Protection: Not normally required.

Respiratory Protection: Not normally required. If ventilation cannot be acquired, wear NIOSH approved respirator.

Hygienic Measures: Wash hands before eating, smoking or using the bathroom.

Other Protection Measures: None

Engineering Controls: No special ventilation is usually necessary. However, if operating conditions create high airborne concentrations of gasses or fumes, special ventilation may be needed.

Section 9 - Physical and Chemical Properties

Appearance: Black resinous plastic sticks with slight ester odor.

Boiling Point: N/A

Vapor Density: N/A

Specific Gravity: 0.88-0.98

Solubility in Water: Not Soluble

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: May burn or react violently with flourine/oxygen mixtures with 50-100% fluorine. May be decomposed by strong oxidizing agents.

Incompatible Materials: Avoid contact with strong oxidizing agents.

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, ketones, unidentified organic compounds

Section 11 - Toxicological Information

Acute Toxicity

Ingestion <.1%

Skin Absorption <.1%

Inhalation <.1%

Section 12 - Ecological Information

CHEMICAL FATE

Section 13 - Disposal Considerations

Disposal Method:
Contact local environmental or health authorities for approved disposal of this material. If safe and practicable, reclaim material.

**Container Disposal:** Disposal must be made according to official regulations.

## Section 14 - Transport Information

**DOT**

## Section 15 - Regulatory Information

**Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312**

The following table lists hazardous components and the regulatory lists for which they are required to be reported.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 313 Listed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tier I Know to California to cause cancer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pennsylvania Hazardous Substance List</td>
<td></td>
<td></td>
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<tr>
<td>Massachusetts Hazardous Listed</td>
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<tr>
<td>Rhode Island Listed</td>
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<tr>
<td>CERCLA</td>
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<td></td>
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<tr>
<td>EPA Cancerogenity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IARC Cancerogenity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTP Cancerogenity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLV Cancerogenity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA Cancerogenity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Section 16 - Other Information

**Legend**

- **ACGIH** American Conference of Governmental Hygenists
- **CFR** Code of Federal Regulations
- **DFG** Deutsche Forschungsgemeinschaft
- **HMIS** Hazardous Materials Identification System
- **IARC** International Agency for Research on Cancer
- **MAK** Maximum Allowable Concentration (German)
- **MSDS** Material Safety Data Sheet
- **NFPA** National Fire Protection Association
- **NIOSH** National Institute for Occupational Safety and Health
- **OEL** Occupational Exposure Limit
- **RCRA** Resource Conservation and Recovery Act
- **STEL** Short Term Exposure Limit
- **TLV** Threshold Limit Value
- **TWA** Time Weighted Average

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.