1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Alpha Lam Style 2001
Common Name: PTFE Coated Fiber Glass
SDS Number: 0538
Revision Date: 2/9/2018
Supplier Details: Alpha Engineered Composites LLC.
145 Lehigh Avenue
Lakewood, NJ 08701
Contact: James Palmer
Phone: 732-634-5700
Fax: 732-634-1430
Email: jpalmer@alphainc.com
Internet: www.alphainc.com

2 HAZARDS IDENTIFICATION

Classification of Substance
GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Health, Skin corrosion/irritation, 2

GHS Label Elements, Including Precautionary Statements
GHS Signal Word: WARNING
GHS Hazard Pictograms:

GHS Hazard Statements:
H315 - Causes skin irritation

GHS Precautionary Statements:
P264 - Wash _ thoroughly after handling.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS
Route of Entry: This material may enter the body through inhalation of nuisance dust.
Target Organs: Respiratory system
Inhalation: Sore, raspy throat. Inhaling fumes of the decomposition products of polytetrafluoroethylene can induce temporary influenza-like symptoms. These symptoms include fever, cough and malaise.
Skin Contact: Redness and possible rash; itching
Eye Contact: Itching and redness
Ingestion: N/A

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Ingredients</th>
<th>CAS#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fibrous Glass</td>
<td>65997-17-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
<td>9002-84-0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fibrous Glass (CAS 65997-17-3)
Exposure Limits: OSHA PEL 15 mg/m3 (total), 5 mg/m3 (respirable). ACGIH TLV 1 f/cc
FIRST AID MEASURES

**Inhalation:** Remove person to fresh air. If condition persists, seek medical attention.

**Skin Contact:** Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention.

**Eye Contact:** Rinse with water. Do not rub eyes. Seek medical attention.

**Ingestion:** Not applicable.

FIRE FIGHTING MEASURES

**Flash Point (Method Used):** >250 C by TOC

**Flammable Limits:**

- LEL: N/A
- UEL: N/A

**Extinguishing Media:** Water, carbon dioxide, or dry chemical

**Special Fire Fighting Procedures:** Thermal decomposition of fiber coating may produce an irritating mixture of smoke and fumes.

Unusual Fire and Explosion Hazards: None

ACCIDENTAL RELEASE MEASURES

Material is a solid in roll form. If accidentally released, rewind material back onto roll.

HANDLING AND STORAGE

**Handling Precautions:** Use adequate material handling equipment.

**Storage Requirements:** Store in dry place. Use may be at temperature extremes based on product data, but storage should be at ambient temperature.

EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Local exhaust; dust collection

**Personal Protective Equipment:**

- HMIS PP, B | Safety Glasses, Gloves
- Safety glasses; cotton gloves; long sleeve clothing

Wash thoroughly with soap and water after handling

PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Dark Brown One Side/ Black Film Other

**Physical State:** Solid

**Specific Gravity or Density:** 1.6

**Boiling Point:** N/A

**Vapor Pressure:** N/A

**Potentia Hydrogenii:** N/A

**Odor:** No Odor

**Solubility:** Negligible

**Freezing or Melting Point:** > 500 F

**Vapor Density:** N/A

STABILITY AND REACTIVITY

**Chemical Stability:** Material is stable.

**Conditions to Avoid Identification:** None known.

**Materials to Avoid Identification:** Strong oxidizing agents.

**Hazardous Decomposition:** Carbon monoxide; carbon dioxide; hydrogen fluoride

**Hazardous Polymerization:** Will Not Occur.
11 TOXICOLOGICAL INFORMATION

Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat. Fiberglass can cause itching due to mechanical irritation from the fibers. This is not an allergic reaction to the material. Breathing fibers may irritate the airways resulting in coughing and a scratchy throat. Some people are sensitive to the fibers, while others are not.

12 ECOLOGICAL INFORMATION

No known hazards except for airborne fibers caused by nuisance dust. 10 milligrams per cubic meter for fiber diameters less than 7 microns.

13 DISPOSAL CONSIDERATIONS

Incineration preferred in a federal, state, or local approved facility.

14 TRANSPORT INFORMATION

None special required.

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fibrous Glass (65997-17-3)</td>
<td>n/a%</td>
<td>TSCA</td>
</tr>
<tr>
<td>Polytetrafluoroethylene (9002-84-0)</td>
<td>n/a%</td>
<td>PA, TSCA</td>
</tr>
</tbody>
</table>

Regulatory CODE Descriptions

<table>
<thead>
<tr>
<th>CODE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>PA</td>
<td>PA Right-To-Know List of Hazardous Substances</td>
</tr>
</tbody>
</table>

16 OTHER INFORMATION

NFPA: Health = 3, Fire = 0, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 1, Fire = 0, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves

Disclaimer:
Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).