<table>
<thead>
<tr>
<th><strong>PRODUCT AND COMPANY IDENTIFICATION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Identifier:</strong> Alpha Style PPSA-44</td>
</tr>
<tr>
<td><strong>Common Name:</strong> Foil/ Scrim/ Film Laminate</td>
</tr>
<tr>
<td><strong>SDS Number:</strong> 0485</td>
</tr>
<tr>
<td><strong>Revision Date:</strong> 2/9/2018</td>
</tr>
</tbody>
</table>
| **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 |
HAZARDS IDENTIFICATION

Classification of Substance
GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
- Health, Skin corrosion/irritation, 3
- Health, Specific target organ toxicity - Single exposure, 3

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

GHS Hazard Pictograms:

GHS Hazard Statements:
- H316 - Causes mild skin irritation
- H335 - May cause respiratory 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
- Skin Contact: Redness and possible rash; itching
- Eye Contact: Itching and redness
- Ingestion: N/A

COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Ingredients</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-17-1</td>
<td></td>
<td>Fibrous Glass</td>
</tr>
<tr>
<td>1309-64-4</td>
<td></td>
<td>Antimony oxide (Sb2O3)</td>
</tr>
<tr>
<td>0</td>
<td></td>
<td>Aluminum Foil</td>
</tr>
<tr>
<td>0</td>
<td></td>
<td>Polypropylene Film</td>
</tr>
<tr>
<td>0</td>
<td></td>
<td>Urethane/Acrylic Adhesive</td>
</tr>
</tbody>
</table>

Fibrous Glass (CAS 65997-17-1)
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.
5 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

6 ACCIDENTAL RELEASE MEASURES

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

7 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust; dust collection

Personal Protective Equipment: Safety glasses; cotton gloves; long sleeve clothing

Wash thoroughly with soap and water after handling

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White Face/Silver Back</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Specific Gravity or Density</td>
<td>1.8</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Potentia Hydrogenii</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor</td>
<td>No odor</td>
</tr>
<tr>
<td>Solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Freezing or Melting Point</td>
<td>&gt; 350 F</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Chemical Stability: Material is stable.

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition: Carbon monoxide; carbon dioxide; nitrogen oxide; cyanide; hydrogen bromide

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.
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.

DISPOSAL CONSIDERATIONS

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

TRANSPORT INFORMATION

None special required.

REGULATORY INFORMATION

Component (CAS#) [%] - CODES
----------------------------------------------------------------
Fibrous Glass (65997-17-1) [n/a%]
Antimony oxide (Sb2O3) (1309-64-4) [n/a%] CERCLA, CSWHS, EPCRAWPC, MASS, PA, PROP65, TSCA, TXAIR
Aluminum Foil (0) [n/a%]
Polypropylene Film (0) [n/a%]
Urethane/Acrylic Adhesive (0) [n/a%]

Regulatory CODE Descriptions
----------------------------------------------------------------
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
MASS = MA Massachusetts Hazardous Substances List
PA = PA Right-To-Know List of Hazardous Substances
PROP65 = CA Prop 65
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

OTHER INFORMATION

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = None
HMIS III: Health = 1(Chronic), Fire = 0, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves

Disclaimer:
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