# PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Alpha Style 4348 WMMA  
**Common Name:** Foil/ Scrim/ Film Laminate  
**SDS Number:** 0316  
**Revision Date:** 2/7/2018  

**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
HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: WARNING

GHS Hazard Pictograms:

![GHS Hazard Pictogram]

GHS Hazard Statements:

H335 - May cause respiratory irritation
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

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>CAS#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>65997-17-3</td>
<td></td>
<td>Fibrous Glass</td>
</tr>
<tr>
<td></td>
<td>13463-67-7</td>
<td></td>
<td>Titanium dioxide</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td></td>
<td>Polyester Film</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td></td>
<td>Urethane Adhesive</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.
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 decomposiiton 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 accidently 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: HMIS PP, A | Safety Glasses
          Safety glasses; cotton gloves; long sleeve clothing

Wash thoroughly with soap and water after handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Face/Silver Back
Physical State: Solid  Odor: No Odor
Specific Gravity or Density: 1.8  Solubility: Negligible
Boiling Point: N/A  Freezing or Melting Point: > 350 F
Vapor Pressure: N/A  Vapor Density: N/A

10 STABILITY AND REACTIVITY

Chemical Stability: Material is stable.
Conditions to Avoid: None known.
Avoldentification: Strong oxidizing agents.
Materials to Avoldentification: Carbon monoxide; carbon dioxide; nitrogen oxide; cyanide
Hazardous Decomposition: 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 Description</th>
<th>%[a%]</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>Titanium dioxide (13463-67-7)</td>
<td>[n/a%]</td>
<td>MASS, OSHAWAC, PA, TSCA, TXAIR</td>
</tr>
<tr>
<td>Polyester Film (0)</td>
<td>[n/a%]</td>
<td></td>
</tr>
<tr>
<td>Urethane Adhesive (0)</td>
<td>[n/a%]</td>
<td></td>
</tr>
</tbody>
</table>

Regulatory CODE Descriptions

- **TSCA** = Toxic Substances Control Act
- **MASS** = MA Massachusetts Hazardous Substances List
- **OSHAWAC** = OSHA Workplace Air Contaminants
- **PA** = PA Right-To-Know List of Hazardous Substances
- **TXAIR** = TX Air Contaminants with Health Effects Screening Level

16 **OTHER INFORMATION**

**NFPA:** Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = None

**HMIS III:** Health = 1(Chronic), Fire = 0, Physical Hazard = 0

**HMIS PPE:** A - Safety Glasses

---

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extended no warranties and make no representations as to the accuracy of 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).