

AlphaShield 1002-HT

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** AlphaShield 1002-HT  
**Common Name:** Foil-Scrim-Polyester-PSA Laminate  
**SDS Number:** 0973  
**Revision Date:** 11/3/2020  
**Product Description:** Foil-Scrim-Polyester-PSA Laminate  
  
**Supplier Details:** Alpha Engineered Composites LLC.  
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 Lakewood, NJ 08701  
  
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### 2 HAZARDS IDENTIFICATION

#### Classification of Substance

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**  
 Health, Respiratory or skin sensitization, 1 Skin

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H317 - May cause an allergic skin reaction

#### GHS Precautionary Statements:

P264 - Wash \_ thoroughly after handling.

#### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Route of Entry:** Potential entry via inhalation of dust from machining or grinding.  
**Target Organs:** Respiratory System  
**Inhalation:** Dust generated during machining or grinding may cause respiratory irritation.  
**Skin Contact:** Redness and possible rash; itching  
**Eye Contact:** Dust may cause irritation.  
**Ingestion:** Dust may cause irritation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients		
CAS#	%	Chemical Name
-		Fibrous Glass
-		Aluminum Foil
-		Polyester Non-Woven
-		Acrylic Adhesive

## 4

## FIRST AID MEASURES

<b>Inhalation:</b>	Remove person to fresh air. If condition persists, seek medical attention.
<b>Skin Contact:</b>	Wash with soap and water. Seek medical attention if symptoms persist.
<b>Eye Contact:</b>	Rinse with water. Seek medical attention if symptoms persist.
<b>Ingestion:</b>	NA

## 5

## FIRE FIGHTING MEASURES

<b>Flash Point:</b>	>250C
<b>Flash Point Method:</b>	TOC
<b>Lower Explosive Limit:</b>	NA
<b>Upper Explosive Limit:</b>	NA

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

Special Fire Fighting Procedures: Thermal decomposition of fiber coating may produce hazardous gases. Wear self-contained breathing apparatus for firefighting if necessary.

Unusual Fire and Explosion Hazards: None known.

## 6

## ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:**  
Use personal protective equipment noted in Section 8.

**ENVIRONMENTAL PRECAUTIONS:**  
This material is not biodegradable.

## 7

## HANDLING AND STORAGE

<b>Handling Precautions:</b>	Wear suitable protective equipment, see Section 8.
<b>Storage Requirements:</b>	Store in a cool, dry place.

## 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls:</b>	Local exhaust, dust collection. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).		
<b>Personal Protective Equipment:</b>	HMIS PP, B   Safety Glasses, Gloves Safety glasses with sideshields, cotton gloves, long sleeve clothing		

Wash thoroughly with soap and water after handling.

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Aluminized heat shield material with adhesive backing		
<b>Physical State:</b>	Solid	<b>Odor:</b>	NA
<b>Specific Gravity or Density:</b>	2.2	<b>Freezing or Melting Point:</b>	NE
<b>Boiling Point:</b>	NA	<b>Vapor Density:</b>	NA
<b>Vapor Pressure:</b>	NA		
<b>Potentia Hydrogenii:</b>	NA		

**10****STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Material is stable.
<b>Conditions to Avoid:</b>	NE
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	CO, CO <sub>2</sub> , NO <sub>x</sub> , HCN
<b>Hazardous Polymerization:</b>	Will Not Occur.

**11****TOXICOLOGICAL INFORMATION**

No information available.

**12****ECOLOGICAL INFORMATION**

No known hazards.

**13****DISPOSAL CONSIDERATIONS**

Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

**14****TRANSPORT INFORMATION**

No special requirements.

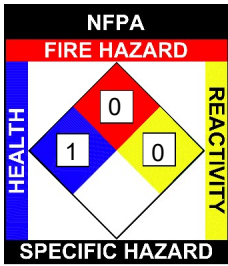
**15****REGULATORY INFORMATION****INTERNATIONAL REGULATIONS:**

Canadian (DSL/NDSL): Article (exempt)  
Australian (ACIS): Article (exempt)  
Korea (KECI): Article (exempt)  
Japan (ENCS, MITI): Article (exempt)  
China (IECSC): Article (exempt)

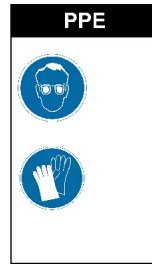
EU Directive 2011/65/EC (RoHS): Product is in compliance with the European Directive 2011/65/EC on Restriction on Hazardous Substances and the Chinese Administration Measure on the Control of Pollution Caused by Electronic Information.  
EU REACH SVHC: Product is considered compliant with Regulation EC 1907/2006 or Registration, Evaluation, Authorization and restriction of Chemicals (REACH) legislation.

TSCA (Toxic Substances Control Act): All materials are listed or exempt from TSCA listing.  
CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): N/A  
SARA TITLE III (Superfund Amendments and Reauthorization Act): N/A  
311/312 HAZARD CATEGORIES: None

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



HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



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NA = Not Applicable

NE = Not Established