

# MSDS *Material Safety Data Sheet*

Alpha Associates, Inc.



Alpha Shield Style 22H102 ALF Tiger Clawth

MSDS Number: 0069

Revision Date: 6/23/2010

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Alpha Associates, Inc.  
145 Lehigh Avenue

Lakewood, NJ 08701

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**Product Name:** Alpha Shield Style 22H102 ALF Tiger Clawth  
**Revision Date:** 6/23/2010  
**MSDS Number:** 0069  
**Common Name:** Aramid/ Foil Laminate

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Antimony oxide (Sb<sub>2</sub>O<sub>3</sub>) (CAS 1309-64-4)

Decabromodiphenyl oxide (CAS 1163-19-5)

Metallized Polyester

Urethane Adhesive

Aramid blend fabric

## 3 HAZARDS IDENTIFICATION

**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

## 4 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.

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## 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

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

**Exposure Guidelines/Other:** Wash thoroughly with soap and water after handling

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Yellow-Black Mixed Fabric/Aluminum Other Side

**Physical State:** Solid

**Odor:** No Odor

**pH:** N/A

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Boiling Point:** N/A

**Freezing/Melting Pt.:** > 400 F

**Solubility:** Negligible

**Spec Grav./Density:** 2.54

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## 10 STABILITY AND REACTIVITY

**Stability:** Material is stable.  
**Conditions to avoid:** None known.  
**Materials to avoid (incompatibility):** Strong oxidizing agents.  
**Hazardous Decomposition products:** Carbon monoxide; carbon dioxide; nitrogen oxide; cyanide; hydrogen bromide  
**Hazardous Polymerization:** Will Not Occur.

## 11 TOXICOLOGICAL INFORMATION

None Known.

## 12 ECOLOGICAL INFORMATION

None Known.

## 13 DISPOSAL CONSIDERATIONS

Burial in a federal, state, or local approved landfill.

## 14 TRANSPORT INFORMATION

None special required.

## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Antimony oxide (Sb2O3) (1309644 n/a%) CERCLA, CSWHS, EPCRAWPC, MASS, PA, PROP65, TXAIR

\*Decabromodiphenyl oxide (1163195 n/a%) MASS, NJHS, PA, SARA313

REGULATORY KEY 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  
TXAIR = TX Air Contaminants with Health Effects Screening Level

NJHS = NJ Right-to-Know Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals

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**OTHER INFORMATION**

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END OF MSDS DOCUMENT