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Alpha Temp-Mat

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**PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier:** Alpha Temp-Mat  
**Common Name:** Insulation Mat  
**SDS Number:** 0632  
**Revision Date:** 9/22/2016  
**Supplier Details:** Alpha Associates, Inc.  
145 Lehigh Avenue  
Lakewood, NJ 08701  
  
**Contact:** James Palmer  
**Phone:** 732-634-5700  
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### Classification of the Substance or Mixture

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

Health, Skin corrosion/irritation, 2  
 Health, Specific target organ toxicity - Single exposure, 3  
 Health, Serious Eye Damage/Eye Irritation, 2 B  
 Health, Respiratory or skin sensitization, 1 Skin

### GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



#### GHS Hazard Statements:

H315 - Causes skin irritation  
 H335 - May cause respiratory irritation  
 H320 - Causes eye irritation  
 H317 - May cause an allergic skin reaction

#### GHS Precautionary Statements:

P103 - Read label before use.  
 P264 - Wash \_ thoroughly after handling.  
 P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.  
 P337 - If eye irritation persists: \_  
 P337+313 - Get medical advice/attention.

### 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

#### Ingredients:

Cas#	%	Chemical Name
65997-17-3		Fibrous Glass

OSHA PEL: 15 milligrams per cubic meter of air (total); 5 milligrams per cubic meter of air (respirable)

ACGIH TLV: 1 fiber per cubic centimeter of air

**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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## 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

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## ACCIDENTAL RELEASE MEASURES

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

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## 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.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Personal Protective**      HMIS PP, B | Safety Glasses, Gloves

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

Wash thoroughly with soap and water after handling

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## PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Fibrous Matting

**Physical State:** Solid

**Spec Grav./Density:** 2.5

**Boiling Point:** N/A

**Vapor Pressure:** N/A

**pH:** N/A

**Odor:** No Odor

**Solubility:** Negligible

**Freezing/Melting Pt.:** 700+ C

**Vapor Density:** N/A

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## 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

**Hazardous Polymerization:** Will Not Occur.

**11****TOXICOLOGICAL INFORMATION**

OSHA classifies fibrous glass as a nuisance dust. Many studies have been conducted to determine long-term effects of fibrous glass inhalation. Although inconclusive, some research indicated manufacturing employees first employed more than 30 years ago in factories that manufactured glass wool and mineral wool have increased rates of lung cancer, compared to certain other reference populations. Further study is planned to identify those factors associated with the reported increased rate. Similar findings were not reported regarding employees in textile fiber manufacturing plants. Animal studies have not demonstrated an increased rate of lung cancer when the animals breathed large quantities of glass fibers. Artificial implantation or injection of fine glass fibers into the chest, abdominal cavity or trachea of laboratory animals has produced cancer.

**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

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 Fibrous Glass (65997-17-3) [n/a%] TSCA

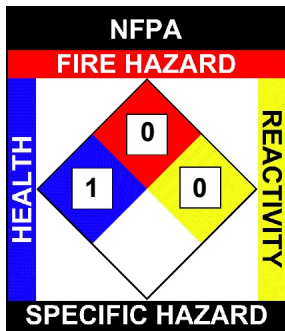
Regulatory CODE Descriptions

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 TSCA = Toxic Substances Control Act

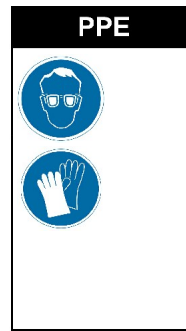
NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

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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