

# MSDS *Material Safety Data Sheet*

Alpha Associates, Inc.



Alpha Temp-Mat

MSDS Number: 0632

Revision Date: 5/22/06

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Alpha Associates, Inc.  
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Woodbridge, NJ 07095

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**Product Name:** Alpha Temp-Mat  
**Revision Date:** 5/22/06  
**MSDS Number:** 0632  
**Common Name:** Insulation Mat

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Fibrous Glass (CAS 14808-60-7)  
ACGIH TLV: 10 milligrams per cubic meter of air fiber diameters of less than 7 microns

## 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:** Fibrous Matting

**Physical State:** Solid

**Odor:** No Odor

**pH:** N/A

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Boiling Point:** N/A

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

**Solubility:** Negligible

**Spec Grav./Density:** 2.5



## 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  
**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 microbes.

## 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

\*Silica, crystalline (14808607 n/a%) MASS, NRC, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List  
NRC = Nationally Recognized Carcinogens  
OSHWAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

END OF MSDS DOCUMENT