

MSDS Material Safety Data Sheet

Alpha Associates, Inc.



MSDS Number: 0072

Alpha Sil 1000

Revision Date: 6/22/2010

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Alpha Associates, Inc.
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Product Name: Alpha Sil 1000
Revision Date: 6/22/2010
MSDS Number: 0072
Common Name: Silica Fabric

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: Tan in color

Physical State: Solid

Odor: No odor

pH: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Boiling Point: N/A

Freezing/Melting Pt.: > 1700 F

Solubility: Negligible

Spec Grav./Density: 2.2

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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

Hazardous Polymerization: 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 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
OSHA = 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

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END OF MSDS DOCUMENT