1  PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Alpha Associates, Inc.
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Product Name: Alpha Sil 1000
Revision Date: 1/17/2014
MSDS Number: 0687
Common Name: Silica Fabric

2  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

NFPA: 
HMIS III: Health = 1, Fire = 0, Reactivity = 0
H1/F0/P0

PERSONAL PROTECTION INDEX

[Diagram showing NFPA and HMIS III ratings]

PERSONAL PROTECTION
B | Safety Glasses, Gloves
GHS Signal Word:
WARNING

GHS Hazard Pictograms:

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GHS Classifications:
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:
- H315 - Causes skin irritation
- H320 - Causes eye irritation
- H335 - May cause respiratory irritation

GHS Precautionary Statements:
- 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.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Silica fabric (CAS 7631-86-9)
Exposure Limits: OSHA PEL 15 mg/m³ (total), 5 mg/m³ (respirable). ACGIH TLV 1 f/cc

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### 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.
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 accidently 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
Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves
Safety glasses; cotton gloves; long sleeve clothing

Wash thoroughly with soap and water after handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White in Color
Physical State: Solid
Spec Grav./Density: 2.2
Boiling Point: N/A
Vapor Pressure: N/A
pH: N/A

Odor: No Odor
Solubility: Negligible
Freezing/Melting Pt.: > 1700 F
Vapor Density: N/A
10 STABILITY AND REACTIVITY

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

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 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/PERC) / CODES

*Silica, amorphous (7631869 n/a%) MASS, NJHS, PA, TSCA

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
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