

#### Alpha Sil 1000

## PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Alpha Sil 1000
Common Name: Silica Fabric
SDS Number: 0687
Revision Date: 8/31/2016

Supplier Details: Alpha Associates, Inc.

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# **HAZARDS IDENTIFICATION**

#### Classification of the substance or mixture

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

Health, Skin corrosion/irritation, 2

Health, Serious Eye Damage/Eye Irritation, 2 B

Health, Specific target organ toxicity - Single exposure, 3

## **GHS** Label elements, including precautionary statements

**GHS Signal Word: WARNING** 

## **GHS Hazard Pictograms:**



### **GHS Hazard Statements:**

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.

# 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 systemInhalation:Sore, raspy throat

**Skin Contact:** Redness and possible rash; itching

Eye Contact: Itching and redness

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### **COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients:

Cas# % Chemical Name

\_\_\_\_\_

7631-86-9 Silica fabric

Silica fabric (CAS 7631-86-9)

Exposure Limits: OSHA PEL 15 mg/m3 (total), 5 mg/m3 (respirable). ACGIH TLV 1 f/cc

# 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 HMIS PP, B | Safety Glasses, Gloves

**Equipment:** 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 Odor: No Odor Spec Grav./Density: 2.2 Solubility: Negligible Freezing/Melting Pt.: > 1700 F **Boiling Point:** N/A Vapor Pressure: Vapor Density: N/A N/A pH: N/A

#### STABILITY AND REACTIVITY 10

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**

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 perferred in a federal, state, or local approved facility.

#### 14 TRANSPORT INFORMATION

None special required.

#### 15 **REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

Silica fabric (7631-86-9) [n/a%] MASS, NJHS, PA, TSCA

Regulatory CODE Descriptions

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

## 16 OTHER INFORMATION

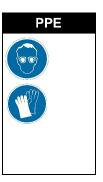
NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves







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