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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Alpha Sil 1000
Common Name: Silica Fabric
SDS Number: 0865
Revision Date: 2/9/2018

Supplier Details: Alpha Engineered Composites LLC.
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Lakewood, NJ 08701

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Classification of Substance**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 system
Inhalation: Sore, raspy throat
Skin Contact: Redness and possible rash; itching
Eye Contact: Itching and redness
Ingestion: N/A

Chemical 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

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: White in Color

Physical State: Solid

Specific Gravity or Density: 2.2

Boiling Point: N/A

Vapor Pressure: N/A

Potentia Hydrogenii: N/A

Odor: No Odor

Solubility: Negligible

Freezing or Melting Point: > 1700 F

Vapor Density: N/A

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STABILITY AND REACTIVITY

Chemical Stability: Material is stable.

Conditions to None known.

Avoldentification:

Materials to Avoldentification: Strong oxidizing agents.

Hazardous Decomposition: Carbon monoxide; carbon dioxide

Hazardous Polymerization: Will Not Occur.

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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#) [%] - CODES

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

Regulatory CODE Descriptions

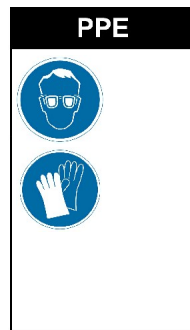
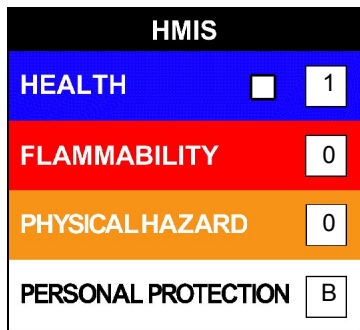
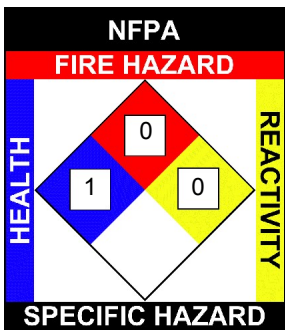
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act

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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