

## Nische Solutions High Silica Cloth

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Nische Solutions High Silica Cloth  
**Common Name:** Silica Fabric  
**SDS Number:** 0687  
**Revision Date:** 1/1/2017  
**Supplier Details:** Nische Solutions, Inc.  
397 Front St. West  
Toronto, ON M5S 3S1

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### 2 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 system  
**Inhalation:** Sore, raspy throat  
**Skin Contact:** Redness and possible rash; itching  
**Eye Contact:** Itching and redness

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas#	%	Chemical Name
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7631-86-9		Silica fabric
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Silica fabric (CAS 7631-86-9)

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

### 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.

### 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  
**Personal Protective Equipment:** 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**

<b>Appearance:</b>	White in Color	<b>Odor:</b>	No Odor
<b>Physical State:</b>	Solid	<b>Solubility:</b>	Negligible
<b>Spec Grav./Density:</b>	2.2	<b>Freezing/Melting Pt.:</b>	> 1700 F
<b>Boiling Point:</b>	N/A	<b>Vapor Density:</b>	N/A
<b>Vapor Pressure:</b>	N/A		
<b>pH:</b>	N/A		

**10 STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Material is stable.
<b>Conditions to Avoid:</b>	None known.
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Carbon monoxide; carbon dioxide
<b>Hazardous Polymerization:</b>	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#) [%] - CODES

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

Regulatory CODE Descriptions

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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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**OTHER INFORMATION**

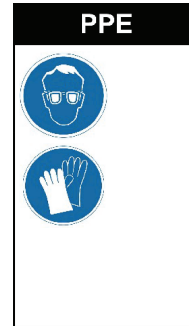
NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

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

HMIS PPE: B - Safety Glasses, Gloves



HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



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