



SILICA FABRIC

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PRODUCT & COMPANY IDENTIFICATION

Product Identifier: TTT-SIL-3600
Common Name: Silica Fabric
SDS Number:
Revision Date: 2025
Supplier Details: Thermal Tech & Temp Inc.
P.O Box 1304
Crown Point, Indiana 46308
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HAZARDS IDENTIFICATION

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: Get medical advice/attention.
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

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COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Chemical Ingredients	
	%	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/fcc

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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.

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FIRE FIGHTING MEASURES

Flash Point (Method Used): >250 C by TOC Flammable Limits
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 solid in roll form. If accidentally released, rewind the material back onto the roll.

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HANDLING AND STORAGE

Handling Precautions: Use adequate material handling equipment.
Storage Requirements: Store in a 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 Equipment: HMIS PP, B | Safety Glasses, Gloves
Safety Glasses; cotton gloves; long sleeve clothing
Wash thoroughly with soap and water after handling

Appearance:	Tan Fabric
Physical States:	Solid
Specific Gravity or Density:	2.2
Boiling Point:	N/A
Vapor Pressure	N/A
Potential Hydrogenii:	N/A
Odor:	No odor
Solubility:	Negligible
Freezing or Melting Point:	> 3000 degrees F
Vapor Density:	N/A

Chemical Stability:	Material is stable
Conditions to Avoid Identification:	None known.
Materials to Avoid Identification:	Strong oxidizing agents.
Hazardous Decomposition:	Carbon monoxide; carbon dioxide.
Hazardous Polymerization:	Will not occur.

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.

No known hazards except for airborne fibers caused by nuisance dust. 10 milligrams per cubic meter for fiber diameters less than 7 microns.

Incineration is preferred in a federal, state, or local approved facility.

None special required.

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

NFPA:
HMIS III:
HMIS PPE:

Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = None
Health = 1, Fire = 0, Physical Hazard = 0
B - Safety Glasses, Gloves

Disclaimer:

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