

Material safety data sheet

HIGH SILICA 1600/900 SERIES FABRIC.

Section I

HIGH SILICA. FABRIC 1600/900 SERIES.

Section II -Composition/ Information on Ingredients.

Non Hazardous Ingredients	Weight %	OSHA-PEL	ACGIH-TLV	Other
Fiberglass, continuous filament.	≥96.5	*	10mg/m ³ 8-hr TWA	3X10 fibers/m ³ 10-hr TWA (NIOSH)
Non-hazardous Ingredients.				
Sizing	≤3.5.	_____none Established_____		

*OSHA has not established a specific PEL for fibrous glass. It is considered to be a “particulate not otherwise regulated” (PNOR) and is covered under the OSHA nuisance dust PEL’s of 5 mg/m³ for the respirable dust fraction and 15 mg/ m³ for the total dust fraction for an 8-hr TWA (Time Weighted Average).

Section III-Hazardous Identification

Primary Routes of Exposure Inhalation and skin contact.

Health Hazards.

Inhalation: Inhalation of dusts and fibers may result in temporary irritation.

Skin Contact: Skin contact with fibers and dust may produce temporary mechanical irritations.

Ingestion: N/A.

There is no known health effects associated with chronic exposure to this product.

Carcinogenicity

Hazardous Ingredients	ACGIH	IARC	NTP	OSHA
Fiberglass continuous filament	None	None	None	None

The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify silica continuous filaments as a possible cancer causing material.

Compliant to FM Approval Standards.

Medical Conditions Aggravated by Exposure: Persons with a history of chronic respiratory or skin conditions that are aggravated by mechanical irritants may have risk of irritation.

Section IV-First Aid Measures

Inhalation: N/A

Skin Contact: Wash with soap and running water.

Eye Contact: Flush eyes with flowing water for 15 minutes. Seek medical attention if irritation persists.

Ingestion N/A

Section V-Fire Aid Measures

Flash Point (° F) N/A

Auto Ignition Temperature (° F) N/A

Flammability Limits (%) LEL: N/A UEL: N/A

Extinguishing Media None.

Special Fire Fighting Instructions: None.

Unusual Fire and Explosion Hazards: None.

Section VI-Accidental Release Measures

Action to Take For Spills: N/A

Section VII-Handling, Storage and Disposal: N/A

Ventilation General: Ventilation and or local exhaust ventilation should be provided.

Respiratory Protection: Use respiratory protection in accordance with your company's respiratory protection program and OHS regulations.

Eye Protection: Safety glasses, goggles or face shields can be worn.

Section IV-Physical and Chemical Properties

Melting Point (Softening) 1700°. **Boiling Point**°C. N/A.

Specific Gravity (Bare Glass) 2.59. **Percent Volatile** N/A.

Vapor Pressure (mm/Hg) N/A. **Vapor Density (Air=1)** N/A.

Evaporative Rate (Ethy1 Ether=1) N/A. **Solubility in Water** Non Soluble.

Appearance and Odour: White/ Off-white/ tan colored solid with no odour.

PH: N/A

Section V-Stability and Reactivity

Stability (Conditions to Avoid). Product is stable

Incompatibility (Materials to Avoid). None.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Will not occur.

To the best of our knowledge, the information contained herein is accurate. The information provided is based upon data. The information of products is intended for use by skilled persons at all times. Final determination of suitability of any material is the sole responsibility of the user. All materials present have no known hazards and should be used always with caution. Although certain hazards are described herein.

