



Material Safety Data Sheet

NFPA	HCS Risk Phrases	Protective Clothing
	Not controlled under the HCS (United States)	Safety Goggles Respirator Gloves

Section I. Chemical Product and Company Identification

Common Name/ Trade Name	SILICA FUME COMPACTED SILICA FUME UNCOMPACTED	Last Update	01/31/2005
Supplier/ Manufacturer:	FRITZ-PAK CORPORATION 11220 Grader Street, Suite 600 Dallas, TX, 75238, U. S. A. Tel: 214-221-9494 Fax: 214-349-3182		
Chemical Family	Material Uses Concrete Additive		

Section II. Composition and Information on Ingredients:

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
No hazardous ingredient.				

Section III. Hazards Identification - Non-Hazardous

Section IV. First Aid Measures

Eye Contact	Flush with water and carefully rinse under eyelids. If irritation persists, consult a physician.
Skin Contact	NO known EFFECT according to our database.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention..
Ingestion	If victim is conscious, give large quantity of water. Get medical attention.

Section V. Fire and Explosion Data - Non-Flammable

Section VI. Accidental Release Measures

All Spills	Due to its small particle size, high efficiency vacuum cleaning is recommended to recover spilled material.
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Section VII. Handling and Storage

Precautions	Prevent airborne emissions.
Storage	Keep container dry.

Section VIII. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety goggles. Dust respirator. Gloves.

Section IX. Physical and Chemical Properties

Physical state and appearance	Solid	Odor	No odor
pH (1% soln)	6 to 9	Color	Grey to white
Specific Gravity	2.20 to 2.50 (Water = 1)		
Volatility	N/A		
Melting point	2300°C		
Solubility	Insoluble		

Section X. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility	Silica Fume is soluble in hydrofluoric acid.
Hazardous Decomposition	None. Silica Fume is inert under normal conditions of temperature and pressure.


Section XI. Toxicological Information

Routes of Entry	Ingestion. Inhalation. Eye contact.
Symptoms of Exposure	Coughing, sneezing, eye irritation.
Acute and Chronic Toxicity	Airborne dust generated by the use or handling of this product may result in respiratory and/or eye irritation. Avoid prolonged exposure to concentrations above recommended exposure limit, UNLESS protective equipment is used. Prolonged skin exposure may cause drying of exposed skin.

Section XII. Ecological Information - Not Available**Section XIII. Disposal Considerations**

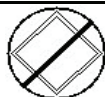
Waste Disposal	Dispose in accordance with Federal, State and Local regulations.
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Section XIV. Transport Information - Non-Hazardous**Section XV. Other Regulatory Information and Pictograms**

Federal and State Regulations	Not available		
Other Classifications	NMFC CLASSIFICATION	105260-LTL-50	
	WHMIS (Canada)	N/A	
HMIS (U. S. A.)	Health Hazard	N/A	National Fire Protection Association (U. S. A.)
	Fire Hazard	N/A	
	Reactivity	N/A	
	Personal Protection	N/A	
			Health  Fire Hazard Reactivity Specific Hazard

WHMIS (Canada) (Pictograms) Not controlled under WHMIS (Canada)

TDG (Canada) Pictograms



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