



NFPA 	HCS Risk Phrases HCS CLASS: Irritating substance. HCS CLASS: Highly toxic-Crystalline Silica.	Protective Clothing 
--	--	---

Section I. Chemical Product and Company Identification

Common Name/ Trade Name	FA-88	Revision date: June 17, 2009
Supplier	FRITZ INDUSTRIES, INC. 500 SAM HOUSTON ROAD MESQUITE, TX 75149 (972) 285-5471 (800) 955-1323	In Case of Emergency. (800) 424-9300 Week Days: (972) 285-5471 (800) 955-1323
Chemical Family	Portland Cement Composition	
Material Uses	Tile Adhesive	

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Crystalline Silica	14808-60-7	< 5%	0.1 mg/m ³ /10 mg/m ³	

Section III. Hazards Identification

Potential Acute Health Effects	This product is an eye irritant and may cause burns and damage to cornea. Over-exposure by inhalation may cause lung injury including silicosis.
--------------------------------	--

Section IV. First Aid Measures

Eye Contact	Do not rub eyes. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention if irritation persists.
Skin Contact	If the chemical touches exposed skin, such as the hands: Gently and thoroughly wash contaminated skin with running water and non-abrasive soap. COLD water may be used. If irritation persists, seek medical attention.
Inhalation	Immediately go to a well-ventilated area and rest. Seek immediate medical attention. If breathing is difficult, give oxygen. If not breathing give artificial respiration.
Ingestion	Remove material from mouth and rinse with water. Do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water. Seek immediate medical attention.

Section V. Fire and Explosion Data: Non-flammable

Section VI. Accidental Release Measures



Spill	Ventilate area of spill. Pick-up spill in a manner which does not create dust and place in a suitable container for reclamation or disposal in a method that does not generate dust.
Disposal	Whatever can not be saved for reclamation may be disposed by following local, state and federal regulations.

Section VII. Handling and Storage

Handling	DO NOT breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Wash thoroughly after handling.
Storage	Store in a cool dry place and keep away from heat.

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, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Splash goggles. Dust mask or respirator are not necessary in areas with adequate ventilation. Be sure to use a MSHA/NIOSH approved respirator when ventilation is inadequate.

Section IX. Physical and Chemical Properties			
Physical State and Appearance	Fine powder	Odor:	None
		Color:	White
Specific Gravity	2.57	VOC's	0 gms/liter, 0 lbs/gal
Bulk Density (lb/ft ³)	64.0		
pH (1% slurry in water)	11.8		
Solubility	Slightly soluble in water		
Section X. Stability and Reactivity Data			
Stability	The product is stable.		
Incompatibility with various substances	None		
Section XI. Toxicological Information			
Routes of Entry	Inhalation and ingestion.		
Toxic Effects on Humans	Irritant in case of eye contact and inhalation. Irritant in case of skin contact and ingestion.		
Special Remarks on other Toxic Effects on Humans	Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans by NTP and IARC.		
Section XIV. Transport Information			
DOT Classification	NOT RESTRICTED		
Section XV. Other Regulatory Information and Pictograms			
Other Classifications	WHMIS (Canada)	CLASS D-2A: Material causing other toxic effects (crystalline silica).	
	DSCL (EEC)	R26/28- Very toxic by inhalation-crystalline silica.	
HMIS (U.S.A.)	 <p>① HEALTH ① FLAMMABILITY ① REACTIVITY e PROTECTIVE EQUIPMENT</p>	National Fire Protection Association (U.S.A.) Health	 <p>Fire Hazard Reactivity Specific Hazard</p>
Section XVI. Other Information			
Notice to Reader			
The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Fritz Industries, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.			