

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Face Brick

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Cloud Ceramics

Emergency Telephone Number 785-243-1284

Address 1716 Quail Road

Telephone Number for Information 785-243-1284

PO Box 369

Date Prepared September 12, 2008 (updated)

Concordia, KS 66901

Signature of Preparer (optional) NA

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Chrystobalite (SiO ₂)	Use ½ value calculated for quartz .	0.05 mg/m ^{3**} Respirable dust		14464-46-1
Quartz (SiO ₂)	10 mg/m ^{3*} SiO ₂ + 2 Respirable dust	0./mg/M ^{3**} Respirable dust		14808-60-7

*Source: 29CFR Section 1910.1000 table 2-3.

**Source: American Conference of Governmental Industrial Hygienists 1986-1987.

Section III—Physical/Chemical Characteristics

Boiling Point 4,046 ° F	Specific Gravity (H ₂ O = 1) 2.6
Vapor Pressure (mm Hg) OMM	Melting Point 2,912 ° F
Vapor Density (AIR = 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Solubility in Water Insoluble	
Appearance and Odor Odorless solid	

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limits Non Flammable	LEL NA	UEL NA
Extinguishing Media NA			
Special Fire Fighting Procedures NA			
Unusual Fire and Explosion Hazards No fire or explosion hazard.			

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data			
Stability	Stable	Unstable	Conditions to Avoid NA
	Stable		
Incompatibility (<i>Materials to Avoid</i>) None			
Hazardous Decomposition or Byproducts Will not occur.			
Hazardous Polymerization	Will not occur.	May Occur	Conditions to Avoid NA
		Will Not Occur	
Section VI—Health Hazard Data			
Routes of Entry: Eyes?	Flush with water, seek medical attention.	Inhalation? Move to fresh air, seek medical attention.	Skin? Standard first aid procedures.
			Ingestion? Contact physician immediately. (Not toxic, but abrasive)
Health Hazards (<i>Acute and Chronic</i>) Repeated and prolonged inhalation may cause delayed injury to lungs. (Silicosis)			
Carcinogenicity	Free Silica	NTP? NA	IARC Monographs? NA
			OSHA Regulated? NA
Signs and Symptoms of Exposure Undue breathlessness, cough, impaired pulmonary functions.			
Medical Conditions			
Generally Aggravated by Exposure Pulmonary functions.			
Emergency and First Aid Procedures See above routes of entry.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled If dust is present, use sufficient local exhaust, handle as to hold dust level to a minimum.			
Waste Disposal Method Can be disposed of in an approved landfill, in accordance			
With local, state and federal regulations.			
Precautions to Be Taken in Handling and Storing For broken shapes or fragments; sweep, shovel or pick up.			
Other Precautions NA			
Section VII—Control Measures			
Respiratory Protection (<i>Specify Type</i>) Use NIOSH – approved respirators when cutting or removing from service.			
Ventilation	Local Exhaust	Adequate	Special NA
	Mechanical (<i>General</i>)	Adequate	Other NA
Protective Gloves		Optional	Eye Protection Safety glasses should be worn to protect eyes.
Other Protective Clothing or Equipment Safety shoes. Wet saw should be used to cut brick.			
Work/Hygienic Practices Good housekeeping. Wash clothing which has become dusty and do not beat dust from clothing.			