

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) N/A	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.
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Section I

Manufacturer's Name Calstone Company	Emergency Telephone Number 911
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information (408) 984-8800
1155 Aster Avnue	Date Prepared February 11, 2003
Sunnyvale, CA 94086	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Quartz (SiO ₂)	10 mg/m ³	(As Free Crystalline Silica)		
	% SiO ₂ +2			

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H₂O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Not Soluble			
Appearance and Odor Odorless Solid			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None
Incompatibility (Materials to Avoid) None			
Hazardous Decomposition or Byproducts None			
Hazardous	May Occur		Conditions to Avoid

Polymerization			
	Will Not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? YES	Skin? NO	Ingestion? YES
Health Hazards (Acute and Chronic) Sawing or grinding may result in release of dust particles which may:			
Acute: Cause minor irritation of the eye or nose. Chronic: Result in lung disease (Silicosis) if exposed to excessive amounts for prolonged periods.			
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure Irritation of eyes and nose or shortness of breath.			
Medical Conditions			
Generally Aggravated by Exposure Pre-existing lung disease such as Emphysema or Asthma.			
Emergency and First Aid Procedure Flush eyes generously with water for 15 minutes. If irritation persists, contact a physician.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	Sweep up and discard.
Waste Disposal Method	Dispose of as common waste
Precautions to Be taken in Handling and Storing	None
Other Precautions Wear NIOSH approved respirator and tight fitting goggles when sawing or grinding.	

Section VIII - Control Measures (when sawing or grinding)

Respiratory Protection (Specify Type) NIOSH approved Particulate Respirator		
Ventilation	Local Exhaust	Special
	Mechanical (General) In confined area	Other
Protective Gloves When Required	Eye Protection Tight fitting goggles	
Other Protective Clothing or Equipment None		
Work/Hygienic Practices N/A		