

READ CAREFULLY BEFORE USING CHEMICAL
 OSHA requires that this form be kept on file.
Product No. SA 9566 M
Product Name DATOMACEOUS EARTH

Health Hazard	1
Flammability	0
Reactivity	0

Chemical Synonyms	Cellite; Silica
Formula	SiO ₂
C.A.S. No.	68855-54-9
Principal Hazardous Component(s)	PEL TLV Units

This product may contain up to 63% crystalline silica:
 Cristobalite * C.A.S. #14464-46-1
 Quartz * C.A.S. # 14808-60-7

Melting Point (°F)	ND	Specific Gravity (H ₂ O=1)	2.3
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	Nil
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Negligible		

Appearance & Odor: Fine, white powder, no odor.
 Flash Point (Method Used): Nonflammable
 Flammable Limits in Air: Lower N/A, Upper N/A

Extinguisher: N/A
 Special Firefighting Procedures: None
 Unusual Fire and Explosion Hazards: None

DEC 11 1995

D.O.T. Not Regulated
 Approved by U.S. Department of Labor "essentially similar" to form OSHA-201

See Section II

9163

Effects of Overexposure
 This product contains Crystalline Silica (CS), which is considered a hazard by inhalation. IARC has classified CS as probably Carcinogenic for humans. CS is also a known cause of Silicosis, a noncancer lung disease. Medical conditions which may be aggravated: pre-existing upper respiratory and lung disease such as, but not limited to Bronchitis, Emphysema and Asthma. Target organ(s) are the lungs. Acute effects: transitory upper respiratory irritant. Primary entry route(s): Inhalation. Inhalation: irritation and soreness in throat & nose. In extreme exposures some congestion may occur. Ingestion: not hazardous when ingested. Eyes: temporary irritation or inflammation.

Emergency and First Aid Procedures
Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. **Eyes:** flush eyes with copious quantities of water. If irritation persists consult a physician.

Stability	Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	Conditions to Avoid
Incompatibility (Materials to Avoid)	Hydrofluoric Acid.	

Hazardous Decomposition Products
 None determined.
Hazardous Polymerization
 May Occur Will Not Occur

SECTION VII
 Steps to be Taken in Case Material is Released or Spilled
 Vacuum clean dust with equipment fitted with hepa filter. If sweeping is necessary use a dust suppressant.

Waste Disposal Method
 Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities. Landfill. Wastes are not hazardous as defined by RCRA.

SECTION VIII Respiration Protection (Specify Type)	NIOSH approved dust mask if necessary.		
Ventilation	Local Exhaust	Mechanical (General)	Special Other
Protective Gloves			
Other Protective Equipment			

SECTION IX
SPECIAL PRECAUTIONS
 Precautions to be Taken in Handling & Storing
 Use adequate ventilation to keep dust level below PEL.

Other Precautions
 Read label on container before using. Do not wear contact lenses when working with chemicals.
 Approved by Steven C. Quarant Effective Date 10/09/95
 For laboratory use only. Not for household use. Keep out of reach of children.