

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)

Code 623, 624
Insulating Cement

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

RUTLAND PRODUCTS

Address (Number, Street, City, State, and Zip Code)

7 CRAB TREE ROAD
JACKSONVILLE, IL 62650

Emergency Telephone Number

CHEMTREC 800-424-9300

Telephone Number Information

217-245-7963

Date Prepared

May 1994

Date Revised

Sept. 04

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Chemical Identity	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Mineral Fiber	N/A	NE	N/A		
Aluminum Silicate	01332-58-7		5mg/m ³		
Silica Quartz	14808-60-7	0.1mg/m ³	0.1mg/m ³	(respirable)	

HMIS Rating - Health: 2* Flammability: 0 Reactivity: 0

*Denotes a chronic health hazard. See Section VI.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	Approx. 2000°F
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Nil		
Appearance and Odor	Tan Powder - No Odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A
Extinguishing Media	N/A		
Special Fire Fighting Procedures	N/A		
Unusual Fire and Explosion Hazards	N/A		

The information presented herein is based either on data or opinion. Such data is, to the best of our knowledge, true and accurate. Such opinion is believed to be expert, and therefore generally reliable, but in some instances there are conflicts in expert opinion and in these instances we have relied on the opinion which, in our best judgment, appeared the most reasonable. All information herein is presented without guarantee or warranty and Rutland Products disclaims any liability incurred from the use thereof.

Section V - Reactivity Data

Stability	Unstable	X	Conditions to Avoid
	Stable		None

Incompatibility (Materials to Avoid)

Acids (Gives off Hydrogen Sulfide under certain acidic conditions).

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Acute: May cause transitory mechanical irritation to eyes, skin or upper respiratory tract.

Chronic: May cause delayed lung fibrosis, silicosis.

Carcinogenicity	NTP? No	IARC Monographs? OSHA Regulated? No
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Respirable crystalline silica from occupational sources is listed by IARC as a human carcinogen.

Signs and Symptoms of Exposure

Irritation of lungs, throat, mucous membranes, eyes and skin.

Medical Conditions Generally Aggravated by Exposure

Respiratory Ailments.

Emergency and First Aid Procedures

Eyes: Flush Thoroughly with water for 15 minutes. If irritation continues, consult a physician.

Skin: Wash from skin with soap and water.

Ingestion: Consult a physician.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Normal clean-up procedure. Avoid creating dust.

Waste Disposal Method

To landfill in accordance with local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing

Keep dry until ready to use.

Other Precautions

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Avoid breathing dust. Use NIOSH approved dust respirator.

Ventilation	Local Exhaust	Special
	Recommended to keep dust below TLV.	
	Mechanical (General)	Other

Protective Gloves	Eye Protection
Gloves if dust is irritating.	Safety glasses.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

Good Housekeeping.