

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 600, 601
Castable 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

Emergency Telephone Number

CHEMTREC 800-424-9300

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

7 CRAB TREE ROAD
JACKSONVILLE, IL 62650

Telephone Number Information

217-245-7963

Date Prepared

Aug 1990

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)
Cristobalite	14464-46-1	0.05mg/m ³	0.05mg/m ³	Respirable Dust	
Portland Cement or Equivalent	65997-15-1	10mg/m ³ 5mg/m ³	10mg/m ³	Total Dust Respirable	

HMIS Rating - Health: 2* Flammability: 0 Reactivity: 1

*Denotes a chronic health hazard. See Section VI.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2.6 - 2.7
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

Slight.

Appearance and Odor

Gray to tan granular mixture, no odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	UEL
			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 Reacts with water. Do not get wet until ready to use.
	Stable		

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization

May Occur

Conditions to Avoid

Will Not Occur

X

Section VI - Health Hazard Data

Route(s) of Entry

Inhalation?

Skin?

Ingestion?

Yes

No

No

Health Hazards (Acute and Chronic)

Warning: This product contains crystalline silica. Prolonged exposure may cause silicosis or other respiratory diseases.

Respirable crystalline silica from occupational sources has been listed by IARC as a human carcinogen. Cement may cause drying out and chapping of the skin and would irritate the eyes if it enters them.

Carcinogenicity

NTP?

IARC Monographs? OSHA Regulated?

Yes

Yes

No

Signs and Symptoms of Exposure

Coughing from dust in lungs, irritation of eyes or skin.

Medical Conditions Generally Aggravated by Exposure

Respiratory ailments.

Emergency and First Aid Procedures

Remove from exposure. Wash eyes with clear water and consult physician. Wash off skin with soap and water.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Scoop up.

Waste Disposal Method

Local landfill in accord with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Keep dry until ready to use. Rotate stock.

Other Precautions

NIOSH approved dust respirator should be worn anytime refractories are torn out after service.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Avoid breathing dust. Use NIOSH approved dust respirator.

Ventilation

Local Exhaust

Special

Recommended to keep dust levels below TLV.

Mechanical (General)

Other

Protective Gloves

Wear rubber gloves.

Eye Protection

Safety goggles.

Other Protective Clothing or Equipment

Impermeable apron.

Work/Hygienic Practices

Keep dust cleaned up.