

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 63, 63B, 63BT, 63G
 Fireplace Mortar

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

May 1990

Date Revised

Nov., 04

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Chemical Identity	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Hydroxide	01310-73-2	2mg/m ³	2mg/m ³		
Sodium Silicate	01344-09-8	None Established		5mg/m ³	
Calcium Metasilicate	13983-17-0	None Assigned			
Hydrous Aluminum Silicate	01332-58-7	N/A	N/A		
Silica, quartz	14808-60-7	10mg/m ³ / %SiO ₂	0.1mg/m ³	Respirable*	

*The silica in this product is totally encapsulated and thus present no inhalation danger to the user.

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

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.8
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

Product is a mixture, partly soluble in water until heat cured.

Appearance and Odor

Colored, gunnable mortar. May be black, buff, gray. No odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
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Extinguishing Media

N/A Will not burn.

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		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Contact with acid will cause evolution of heat.

Hazardous Decomposition or Byproducts

None

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

Section VI - Health Hazard Data

Route(s) of Entry	Inhalation?	No	Skin?	Yes	Ingestion?	Yes
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Health Hazards (*Acute and Chronic*)

Skin: direct contact with skin for prolonged period will cause reddening.
 Eyes: direct contact with eyes will cause watering and irritation.
 Prolonged contact with eyes will cause alkaline burns.
 Ingestion: may cause gastrointestinal upset.

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

Signs and Symptoms of Exposure

See health hazards.

Medical Conditions Generally Aggravated by Exposure

Skin diseases may be aggravated by contact from product.

Emergency and First Aid Procedures

Skin: wash off with soap and water.
 Eyes: wash with water at least 15 minutes. Consult an eye doctor.
 Ingestion: consult a physician.

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 accordance with local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing

Keep covered when not in use. Keep out of reach of children.

Other Precautions

Rotate stock.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

None needed.

Ventilation	Local Exhaust	Sufficient to carry away water vapor as product dries.	Special	None
	Mechanical (<i>General</i>)	None	Other	None

Protective Gloves

Wear rubber gloves.

Other Protective Clothing or Equipment

Wear rubber apron.

Work/Hygienic Practices

Good housekeeping practices.

NAME OF PRODUCT: Rutland Fireplace Mortar

This product contains the following chemicals subject to the reporting requirements of Section 313 of SARA Title III.

CAS Number	Chemical Name	% WT
01310-73-2	Sodium Hydroxide	1.2

NAME OF PRODUCT: Rutland Fireplace Mortar

This product contains the following chemicals subject to the reporting requirements of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). These Chemicals are also subject to reporting under Section

304 of Title III, SARA.

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%WT</u>	<u>Reportable Quantity</u>
01310-73-2	Sodium Hydroxide	1.2	1,000 lbs.