

# 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 614, 615  
Stovo Stove 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

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)
Sodium Hydroxide (Caustic Soda)	01310-73-2	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		
Mica	12001-26-2	5mg/m <sup>3</sup>	3mg/m <sup>3</sup>	(respirable dust)	
Silica, quartz	14808-60-7	10mg/m <sup>3</sup> / %SiO <sub>2</sub>	0.1mg/m <sup>3</sup>	(respirable dust)	
Silica, amorphous	07631-86-9	20 mppcf	10mg/m <sup>3</sup>	(respirable dust)	

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

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

## Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.91
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

Binder portion of product dissolves in water until heat cured.

Appearance and Odor

Gunnable paste, 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		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	No	Yes	No

Health Hazards (Acute and Chronic)

Product is alkaline. Acute hazards are to eyes and skin if contacted. There are no chronic hazards known to be associated with this product. The Mica and Silica in this product are totally encapsulated and thus present no inhalation danger to the user.

Eyes: will cause watering and severe irritation. Prolonged contact may cause alkaline burns.

Skin: will cause irritation if contact is prolonged.

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 above.

Medical Conditions Generally Aggravated by Exposure

Skin sensitivity.

Emergency and First Aid Procedures

Eyes: wash with water for 15 minutes and consult a physician.

Skin: wash off 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

Dispose of in accord with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Wear protection against contact with skin and eyes. Rotate stock.

Other Precautions

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None required.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves	Eye Protection
Chemical resistant	Splash goggles.

Other Protective Clothing or Equipment

Apron, long sleeves.

Work/Hygienic Practices

Good housekeeping.

NAME OF PRODUCT: Rutland Stovo Stove Mortar

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

CAS Number	Chemical Name	%WT
1310-73-2	Caustic Soda	1.0

This product contains the following chemicals subject to the reporting requirements of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). These chemical 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>
1310-73-2	Caustic Soda	1.0	1,000 lbs.