

# 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 89  
Chimney Masonry Patch

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)
Styrene acrylate polymer	25085-34-1	Not established			
AR 100 Solvent	64742-95-6	N.E.	100 ppm	50 ppm	
Sand	14808-60-7	0.1mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	(respirable)	
Talc	14807-96-6	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	(respirable)	
Calcium carbonate	00471-34-1	15mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	(total)	
Portland cement	65997-15-1	10mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	(total)	
		5mg/m <sup>3</sup>		(respirable)	

All dry ingredients are fully encapsulated in the binder and thus not available as respirable dust, representing no inhalation danger to the user.

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

## Section III - Physical/Chemical Characteristics

Boiling Point	Not applicable	Specific Gravity (H <sub>2</sub> O = 1)	1.98
Vapor Pressure (mm Hg)	Not applicable	Melting Point	Not applicable
Vapor Density (Air = 1)	Not applicable	Evaporation Rate (Butyl Acetate = 1)	Not applicable

Solubility in Water

Insoluble in water.

Appearance and Odor

Tan colored gunnable mastic, aromatic solvent odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
106°F TCC, minimum		0.9%	7%

Extinguishing Media

Foam, water spray (fog), dry chemical, carbon dioxide.

Special Fire Fighting Procedures

Use dry chemical, foam or carbon dioxide for fire. Use water to cool containers.

Unusual Fire and Explosion Hazards

Empty containers contain residue. Observe fire safety precautions of product.

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		Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames.

Incompatibility (Materials to Avoid)

Strong oxidants such as liquid chlorine, concentrated oxygen, hypochlorites.

Hazardous Decomposition or Byproducts

Fumes, carbon monoxide, aldehydes and other decomposition products.

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)

Eye contact may cause eye irritation. Product has a low order of acute oral or dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death. Acute oral LD50(rat) greater than 5 g/kg body weight. Acute dermal LD50(rabbit) greater than 3.16 g/kg body weight

Carcinogenicity	NTP?	No	IARC Monographs?	OSHA Regulated?	No
-----------------	------	----	------------------	-----------------	----

All dusts are encapsulated in product and are not available as dust.

Signs and Symptoms of Exposure

Irritation to eyes, headaches and dizziness, other CNS effects including death.

Medical Conditions Generally Aggravated by Exposure

Skin contact may aggravate an existing dermatitis.

Emergency and First Aid Procedures

Eyes: flush with clear water for 15 minutes. If irritation persists, call physician. Skin: remove contaminated clothing and wash skin with soap and water. Inhalation: if overcome by vapor remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain spill. Ventilate confined spaces. Keep product out of rivers and lakes.

Waste Disposal Method

Consult local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Store in cool place.

Other Precautions

Do not deliberately concentrate and inhale vapors.

### Section VIII - Control Measures

Respiratory Protection (Specify Type)

NIOSH/MSHA self-contained breathing apparatus for fire fighters.

Ventilation	Local Exhaust	Special
	Sufficient to keep vapors below TLV	
	Mechanical (General)	Other
	Sufficient to keep vapors below TLV	

Protective Gloves

Chemical resistant.

Other Protective Clothing or Equipment

Chemical resistant apron and boots.

Work/Hygienic Practices

Minimizing breathing of vapors. Avoid contact with skin.

Eye Protection

Splash goggles.