

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 76R & 76RT
600° RTV High Heat Silicone Sealant - Super Red

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

Sept 1991

Date Revised

Nov., 2004

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Chemical Identity	CAS #	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% (optional)
Silica	7631-86-9	80mg/m ³ /%SiO ₂	10mg/m ³	(respirable)	
Methyl Triacetoxysilane	4253-34-3	10 ppm	10 ppm		
Ethyl Triacetoxysilane	17689-77-9	10 ppm	10 ppm		
Octamethylcyclotetrasilane	556-67-2	10 ppm	10 ppm		

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

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	at 25°C	1.03-1.05
Vapor Pressure (mm Hg)	Negligible	Melting Point	N/A	
Vapor Density (Air = 1)	more than air	Evaporation Rate (Butyl Acetate = 1)	less than 1	

Solubility in Water

Not soluble in water.

Appearance and Odor

Red in color: slightly sweet odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
250°F minimum (open cup)		N/A	N/A

Extinguishing Media

Foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures

None.

Unusual Fire and Explosion Hazards

None.

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	

Incompatibility (Materials to Avoid)

Strong oxidizing agents or electrophiles. Concentrated acids or basis can degrade the silicone.

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?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

No information available

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

Signs and Symptoms of Exposure Skin & Eyes: on direct contact uncured product or its vapor may cause irritation.

Acetic acid vapors may irritate nose and throat.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Skin contact: Immediately remove paste from skin with dry cloth and wash area with soap. Eye contact: Immediately flush with plenty of water for at least 15 minutes and then obtain prompt medical attention: Ingestion: Do not induce vomiting. Call a physician immediately.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Shut off all ignition sources; scrape up and put in containers.

Waste Disposal Method

Dispose according to all local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Store below 90°F; keep covered when not in use; use adequate ventilation when using.

Other Precautions

Wash hands and face after using.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust	Special
	Required	None
	Mechanical (General)	Other
	Adequate ventilation system	None

Protective Gloves	Eye Protection
Rubber gloves.	Safety goggles or glasses.

Other Protective Clothing or Equipment

Work/Hygienic Practices Avoid prolonged breathing of vapors. Avoid contact with eyes and skin; wash hands after handling.