

**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 76A, 76, 76C, 76CT  
 500° RTV High Heat Silicone Sealant

*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

Feb 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)
Methyltriacetoxysilane	04253-34-3	N/A	N/A		2%
Ethyltriacetoxysilane	17689-77-9	N/A	N/A		2%
Silica	07631-86-9			TLV 10 mg/m <sup>3</sup>	10%

Non-hazardous ingredient: Polydimethylsiloxane

86%

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

**Section III - Physical/Chemical Characteristics**

Boiling Point	>300°F	Specific Gravity (H <sub>2</sub> O = 1)	1.04
Vapor Pressure (mm Hg)	<5 mm	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	<1

## Solubility in Water

&lt; .1%

## Appearance and Odor

Acetic acid-like odor, paste

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Open cup > 212°F/100°C	Not determined		

## Extinguishing Media

Water, water fog, carbon dioxide, dry chemical, foam.

## Special Fire Fighting Procedures

Self-contained breathing apparatus and protective  
 clothing should be worn in fighting fires involving chemicals.

## Unusual Fire and Explosion Hazards

None known.

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	
		Air or moisture causes polymerization and acetic acid vapors are formed.
		X

## Incompatibility (Materials to Avoid)

Oxidizing material can cause a reaction.

Hazardous Decomposition or Byproducts

Silicone dioxide, carbon dioxide, and traces of incompletely burned product.

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)

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

Signs and Symptoms of Exposure Ingestion: may cause stomach discomfort. Skin contact: uncured product

None known

Eyes: flush with water for 15 minutes. Obtain medical attention:

Skin: wipe off and flush with water.

Inhalation: remove to fresh air. Obtain medical attention.

Ingestion: obtain medical attention.

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

Steps to Be Taken in Case Material is Released or Spilled

Remove product and use absorbent material to take care of any oil-like residues.

Waste Disposal Method Review all local, state and federal regulations concerning health and pollution to determine approved disposal method.

Precautions to Be Taken in Handling and Storing

Store below 90°F. Use reasonable care and caution.

Other Precautions

None known.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Acid gas/organic vapor type.

Ventilation	Local Exhaust	Special
	Required	N/A
	Mechanical (General)	Other
	Adequate ventilation system	N/A

Protective Gloves

Use chemical workers gloves.

Eye Protection

Wear safety goggles.

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

Large amounts of material should be removed from the skin as soon as practical, wash hands after handling.