

SILITE RTV SILICONE -- CLEAR, WHITE AND RED

This product appears in the following stock number(s):

17100 17130 17140 17150

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Tradename:** SILITE RTV SILICONE -- CLEAR, WHITE AND RED**General use:** When cured, these products are not hazardous. They cure by reacting with atmospheric moisture to slowly give off acetic acid, the same substance as in vinegar. Acetic acid vapor can be an irritant.**Chemical family:** Silicones**MANUFACTURER**ITW Devcon
30 Endicott St.
Danvers, MA 01923**EMERGENCY INFORMATION****Emergency telephone number**
(CHEMTREC): (800) 424-9300
Other Calls: (978) 777-1100**2. COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS CONSTITUENTS****Exposure limits**

Constituent	Abbr.	CAS No.	Weight percent	ACGIH TLV	OSHA PEL	Other Limits
Ethyltriacetoxysilane		17689779	1-5	10ppm	n/e	n/e
Methyltriacetoxysilane		4253343	1-5	n/e	n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identity is a trade secret of our supplier and unknown to us.

3. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance, form, odor: paste with vinegar odor.

CAUTION! Eye, skin and respiratory irritant. May be harmful if swallowed.**Potential health effects****Primary routes of exposure:** Skin contact Skin absorption Eye contact Inhalation Ingestion**Symptoms of acute overexposure:****Skin:** Moderate irritation.**Eyes:** The acetic acid vapor given off during cure can cause eye irritation in poorly ventilated areas.**Inhalation:**

May irritate upper respiratory tract.

Ingestion:

Amounts consumed due to carelessness during normal operations should not cause injury. Ingestion of large amounts may cause discomfort.

Effects of chronic overexposure:

No data.

Carcinogenicity -- OSHA regulated: No

ACGIH: No

National Toxicology Program: No

International Agency for Research on Cancer:No

Cancer-suspect constituent(s) : None

Medical conditions which may be aggravated by exposure:

None reported

Other effects:

No data available.

4. FIRST AID MEASURES**First aid for eyes:**

Flush with water for 15 minutes. Obtain medical attention.

First aid for skin:

Wipe off and flush with water.

First aid for inhalation:

Remove to fresh air. Obtain immediate medical attention.

First aid for ingestion:

Obtain immediate medical attention.

5. FIRE FIGHTING MEASURES**Extinguishing media:**

Water

Carbon dioxide

Dry chemical

Foam

Alcohol foam

Flash Point (°F): >250

Method: TCC

Explosive limits in air (percent) -- Lower: n/d

Upper: n/d

Special firefighting procedures:

Wear self-contained breathing apparatus and protective clothing. *Water fog.

Unusual fire and explosion hazards:

May emit acrid smoke and irritating fumes.

Hazardous products of combustion:

Acetic acid; oxides of carbon. Possibly fine particulate silica on complete combustion. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES**Spill control:**

For large spills, ventilate area. Wear the appropriate personal protective equipment.

Containment:

Use suitable absorbant material.

Cleanup:

Scrape up spill and place in moisture-proof containers. Scrub areas of large spills with detergent and water to remove vinegar odor.

Special procedures:

None

7. HANDLING AND STORAGE**Handling precautions:**

Releases acetic acid on contact with moisture or water vapor. Use with good ventilation. Avoid excessive breathing of acetic acid vapor. Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against nuisance dust during sanding/grinding of cured product.

Storage:

Store in a sealed container below 90F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering controls****Ventilation :**

Use sufficient ventilation to maintain exposure levels below TLV. General area ventilation is usually adequate; in confined areas or for high-volume uses of the silicones, local exhaust is recommended.

Other engineering controls :

Have emergency shower and eye wash available.

Personal protective equipment**Eye and face protection:**

Safety glasses with side shields.

Skin protection:

Long sleeves and other protective clothing as required to prevent skin contact.

Respiratory protection:

No protective gear needed in well-ventilated areas. A NIOSH-approved organic acid vapor respirator may be required in poorly ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity:	1.04	Boiling point (°F):	>300
Melting point (°F):	n/d	Vapor density (air = 1):	>1
Vapor pressure (mmHg):	n/d at 77 °F	Evaporation rate (butyl acetate = 1):	<1
VOC (grams/liter):	< 70	Solubility in water:	Negligible
Percent volatile by volume:	<5	pH (5% solution or slurry in water):	n/d
Percent solids by weight:	>95		

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to avoid :

Air or moisture causes acetic acid vapors to form.

Incompatible materials:

Strong oxidizing agents.

Hazardous products of decomposition:

Acetic acid; oxides of carbon. Possibly fine particulate silica on complete combustion. Formaldehyde.

Conditions under which hazardous polymerization may occur:

Not applicable.

11. TOXICOLOGICAL INFORMATION

Acute oral effects: LD50 (rat): No data available.

Acute dermal effects: LD50 (rabbit): No data available.

Acute inhalation effects: LC50 (rat): No data available.

Exposure: hours.

Eye irritation:

No data available.

Subchronic effects:

None known.

Carcinogenicity, teratogenicity, and mutagenicity:

None known.

Other chronic effects:

None known.

Toxicological information on hazardous chemical constituents of this product:

Constituent	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr, (rat)
Ethyltriacetoxysilane	n/d	n/d	n/d
Methyltriacetoxysilane	2060 mg/kg	n/d	n/d

'n/d' = 'not determined'

12 ECOLOGICAL INFORMATION**Ecotoxicity:**

No data available.

Mobility and persistence:

No data available

Environmental fate:
No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Waste management recommendations:

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

14. TRANSPORT INFORMATION

Proper shipping name: Non-regulated
Technical name : N/A
Hazard class : N/A
UN number: N/A
Packing group: N/A
Emergency Response Guide no.: N/A
IMDG page number: N/A
Other: N/A

15. REGULATORY INFORMATION**U.S. Federal Regulations****TSCA**

All ingredients of this product are listed, or are exempt from listing, on the TSCA inventory.

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Constituent	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	TSCA 12B Export Notification
Ethyltriacetoxysilane	No	No	0.0	Not required
Methyltriacetoxysilane	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance list.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: - Immediate health hazard -

Canadian regulations

WHMIS hazard class(es) : D2B

All components of this product are on the Domestic Substances List.

16. OTHER INFORMATION

Hazardous Materials Identification System (HMIS) ratings:	Health 1	Flammability 1	Reactivity 1
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Revisions for this issue:

MSDS section	Revisions
1	Address

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