



# Material Safety Data Sheet

## Section 1: Product & Company Identification

**Product Name:** RTV Silicone Clear (pressurized)

**Product Number (s):** 14055, 14055-6

**Manufactured By:**

CRC Industries, Inc.  
885 Louis Drive  
Warminster, PA 18974  
[www.crcindustries.com](http://www.crcindustries.com)

General Information	(215) 674-4300
Technical Assistance	(800) 521-3168
Customer Service	(800) 272-4620
24-Hr Emergency (CHEMTREC)	(800) 424-9300

## Section 2: Hazards Identification

### Emergency Overview

Appearance & Odor: Clear paste, acetic acid odor

### WARNING

Contents under pressure. Uncured product may irritate eyes.

As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.

### Potential Health Effects:

**EYE:** Direct contact may cause moderate irritation.

**SKIN:** May cause moderate irritation.

**INHALATION:** Irritates respiratory passages very slightly.

**INGESTION:** No significant effects expected from a single short term exposure.

**CHRONIC EFFECTS:** Unknown

**TARGET ORGANS:** Unknown

Medical Conditions Aggravated by Exposure:

Unknown

See Section 11 for toxicology and carcinogenicity information on product ingredients.

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**Section 3: Composition/Information on Ingredients**

COMPONENT	CAS NUMBER	% by Wt.
Hydroxy-terminated polydimethylsiloxane	70131-67-8	60 - 75
Silica, amorphous	7631-86-9	10 - 15
Ethyltriacetoxysilane	17689-77-9	< 5
Methyltriacetoxysilane	4253-34-3	< 5
Nitrogen	7727-37-9	5

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**Section 4: First Aid Measures**

Eye Contact: Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.

Skin Contact: Remove from skin and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use.

Inhalation: Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.

Ingestion: No first aid should be needed.

*Note to Physicians:* Treat according to person's condition and specifics of exposure.

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**Section 5: Fire-Fighting Measures**

Flammable Properties: This product is non-flammable according to OSHA definitions.

Flash Point: None

Upper Explosive Limit: N.D.

Autoignition Temperature: N.D.

Lower Explosive Limit: N.D.

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Dry chemical, foam or water spray may be appropriate.

Products of Combustion: Carbon oxides and traces of incompletely burned carbon compounds.

Protection of Fire-Fighters: Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

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**Section 6: Accidental Release Measures**

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: For small spills, wipe up or scrape up material and package for disposal. For large spills, ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Final cleaning may require the use of steam, solvents or detergents.

### Section 7: Handling and Storage

Handling Procedures: Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Avoid eye and skin contact.

Storage Procedures: Store in a cool dry area out of direct sunlight. Keep container closed and store away from water or moisture. Do not expose to temperature extremes as container may rupture.

Aerosol Storage Level: I

### Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Hydroxy-terminated polydimethylsiloxane	NE	NE	NE	NE	NE		
Silica, amorphous	NE	NE	NE	NE	NE		
Ethyltriacetoxysilane	NE	NE	NE	NE	NE		
Methyltriacetoxysilane	NE	NE	NE	NE	NE		
Nitrogen	NE	NE	NE	NE	NE		
N.E. – Not Established      (c) – ceiling      (s) – skin      (v) – vacated							

Engineering Controls: Area should have ventilation to provide fresh air. Acetic acid is formed upon contact with water or humid air. Use local exhaust to prevent accumulation of these vapors. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

Respiratory Protection: None required for normal work where adequate ventilation is provided. Use NIOSH-approved self-contained positive pressure respirators in confined spaces and for emergencies.

Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of eye contact, wear splash-proof goggles.

Skin Protection: Use protective gloves such as Silver Shield® or 4H®. Also, use full protective clothing if there is prolonged or repeated contact of material with skin.

### Section 9: Physical and Chemical Properties

Physical State: Paste

Color: Clear

Odor: Acetic Acid odor

Specific Gravity: 1.032

Initial Boiling Point: ND

Freezing Point: ND

Vapor Pressure: ND

Vapor Density: ND (air = 1)

Evaporation Rate: ND (ether = 1)

Solubility: ND

pH: NA

Volatile Organic Compounds: wt %: 3.0 g/L: 31 lbs./gal: 0.259**Section 10: Stability and Reactivity**

Stability: Stable

Conditions to Avoid: Do not expose container to temperature extremes.

Incompatible Materials: Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.

Hazardous Decomposition Products: Thermal decomposition of this product during fire or very high heat conditions may evolve the following products: carbon oxides, formaldehyde, hydrogen, silicon dioxide, metal oxides.

Possibility of Hazardous Reactions: No

**Section 11: Toxicological Information**

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

**ACUTE EFFECTS**

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Methyltriacetoxysilane	LD50	2060 mg/kg	Oral	Rat
Hydroxy-terminated polydimethylsiloxane	LD50	> 16 mL/kg	Skin	Rabbit

**CHRONIC EFFECTS**

Carcinogenicity:

	<u>Component</u>	<u>Result</u>
OSHA:	None listed	
IARC:	None listed	
NTP:	None listed	

Mutagenicity: No information available

**Section 12: Ecological Information**

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity:	No information available
Persistence / Degradability:	No information available
Bioaccumulation / Accumulation:	No information available
Mobility in Environment:	No information available

**Section 13: Disposal Considerations**

Disposal: Dispensed product is a non-hazardous waste. Containers should be emptied and depressurized prior to disposal. Empty containers may be recycled.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

**Section 14: Transport Information**

Proper shipping description:

US DOT (ground): Consumer Commodity, ORM-D

Special Provisions: None

**Section 15: Regulatory Information**

**U.S. Federal**

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

**Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.**

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:	Fire Hazard	No
	Reactive Hazard	No
	Release of Pressure	Yes
	Acute Health Hazard	Yes
	Chronic Health Hazard	No

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:  
None

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

**State Regulations**

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: **None**

State Right to Know:

New Jersey: 7631-86-9, 7727-37-9  
Pennsylvania: 7631-86-9, 7727-37-9  
Massachusetts: 7631-86-9, 7727-37-9  
Rhode Island : 7727-37-9

**Additional Regulatory Information:** In states with Consumer Products VOC regulations, this product is compliant as a Sealant and Caulking Compound.

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**Section 16: Other Information**

NFPA: Health: 2 Flammability: 1 Reactivity: 0  
HMIS: Health: 2 Flammability: 1 Reactivity: 0 PPE: B

Prepared By: Michelle Rudnick  
CRC #: 14055  
Revision Date: 01/28/2009

Changes since last revision: Section 15: Additional Regulatory Information revised

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS: Chemical Abstract Service NA: Not Applicable  
ppm: Parts per Million ND: Not Determined  
TCC: Tag Closed Cup NE: Not Established  
PMCC: Pensky-Martens Closed Cup g/L: grams per Liter  
PPE: Personal Protection Equipment lbs./gal: pounds per gallon  
TWA: Time Weighted Average STEL: Short Term Exposure Limit  
OSHA: Occupational Safety and Health Administration  
ACGIH American Association of Governmental Industrial Hygienists  
NIOSH National Institute of Occupational Safety & Health