

Section 1. Identification

GHS product identifier:	Sealpro RTV Silicone: RT-160 Red, RT-162 Clear , RT-164 White, RT-165 Black
Other means of identification	Not available
Recommended Usage	Sealant
Supplier's Details	Sealpro LLC 150 Dow Street, Suite 316C Manchester, NH 03101 Phone: (603) 669-2243 Toll Free: (800) 732-5776 Fax: (603) 624-7754 Email: info@sealproweb.com
Emergency Telephone Number	Infotrac: (800) 535-5053

Section 2. Hazard Identification

For this product, the ignition distance test and the flammability test do not apply. Therefore, the final product is non-flammable.

OSHA/HCS Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Classification of the substance or mixture	GASSES UNDER PRESSURE - Liquefied Gas SKIN CORROSION / IRRITATION - Category 2 SERIOUS EYE DAMAGE / EYE IRRITATION - Category 2

GHS LABEL ELEMENTS

Hazard Pictograms



Signal Word

Warning

Hazard Statements

Contains gas under pressure; May explode if heated
Causes serious eye irritation
Causes skin irritation

Precautionary Statements

General

Read label before use. Keep out of the reach of children. If medical advice is needed, have product container or label at hand.

Prevention

Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling.

Section 2. Hazard Identification

Response	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	Protect from sunlight. Store in a well-ventilated place.
Disposal	Not applicable.
Hazards Not Otherwise Classified	None known.

Section 3. Composition/Information on Ingredients

Substance/Mixture	Mixture
Other Means of Identification	Not available.
CAS Number/Other Identifiers	
CAS number	Not applicable.
Product code	Not available.

Ingredient Name	%	CAS Number	Pure Substance Classification
Triacetoxylethylsilane	1-5	17689-77-9	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1B SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Methylsilanetriyl triacetate	1-5	4253-34-3	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1C SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
1,1-Difluoroethane	1-5	75-37-6	FLAMMABLE GASES - Category 1 GASES UNDER PRESSURE - Liquefied gas

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of Necessary First Aid Measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
--------------------	---

Section 4. First Aid Measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact

Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.

If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most Important Symptoms/Effects, Acute and Delayed

Potential Acute Health Effects

Eye Contact

Causes serious eye irritation.

Inhalation

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin Contact

Causes skin irritation.

Ingestion

Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact

Adverse symptoms may include the following:
 pain or irritation
 watering
 redness

Section 4. First Aid Measures

Inhalation	No known significant effects or critical hazards.
Skin contact	Adverse symptoms may include the following: irritation redness
Ingestion	No known significant effects or critical hazards.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

Notes to Physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-Fighting Measures

Extinguishing media	
Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media	None known.
Specific Hazards Arising from the Chemical	No specific fire or explosion hazard
Hazardous Thermal Decomposition Products	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds carbonyl halides metal oxide/oxides
Special Protective Actions for Fire-Fighters	No special precaution is required
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Section 6. Accidental Release Measures

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment and Cleaning Up

Small Spill

Move containers from spill area. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Do not dry sweep. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for Safe Handling

Protective Measures

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on General Occupational Hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and Storage

Conditions for Safe Storage, Including Any Incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Protect from sunlight. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls/Personal Protection

Control Parameters

Occupational Exposure Limits

United States

None

Mexico

Ingredient Name	Exposure Limits
Silicone Dioxide	NOM-010-STPS (Mexico, 9/2000). LMPE-PPT: 3 mg/m ³ 8 hours. Form: breathable particulates LMPE-PPT: 10 mg/m ³ 8 hours. Form: inhalable particulates

Appropriate Engineering Controls Environmental Exposure Controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual Protection Measures

Hygiene Measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or gases. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Section 8. Exposure Controls/Personal Protection

Skin Protection

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and Chemical Properties

Appearance

Physical State

Solid

Color

Dependent on color ordered

Odor	Acetic Acid Odor
Odor Threshold	Not Available
pH	Not Available
Melting Point	Not Available
Boiling Point	Not Available
Flash Point	Closed Cup: > 100°C (>212°F)
Burning Time	Not Available
Burning Rate	Not Available
Evaporation Rate	Not Available
Flammability (Solid, Gas)	Not Available
Lower and Upper Explosive (Flammable)	Not Available

Vapor Pressure	Not Available
Vapor Density	Not Available
Relative Density	1.007
Solubility	Not Available
Solubility in Water	Not Available
Partition Coefficient: n-octanol/water	There is no Data Available
Auto-ignition Temperature	Not Available
Decomposition Temperature	Not Available
SADT	Not Available
Viscosity	Not Available

Section 10. Stability and Reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability	The product is stable.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions To Avoid	No specific data.
Incompatible Materials	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Information on Toxicological Effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Methylsilanetriyl triacetate	LD50 Oral	Rat	2060 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Silica	Eyes - Mild irritant	Rabbit	-	24 Hours 25 mg	-

Sensitization	There is no data available.	Specific Target Organ Toxicity (Single Exposure)	There is no data available.
Mutagenicity	There is no data available.	Specific Target Organ Toxicity (Repeated)	There is no data available.
Carcinogenicity	There is no data available.	Aspiration Hazard	There is no data available.
Reproductive Toxicity	There is no data available.		
Teratogenicity	There is no data available.		

Information on Likely Routes of Exposure

Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eye Contact

Causes serious eye irritation.

Inhalation

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin contact

Causes skin irritation.

Ingestion

Irritating to mouth, throat and stomach.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact

Adverse symptoms may include the following: pain or irritation watering redness

Inhalation

No known significant effects or critical hazards.

Skin Contact

Adverse symptoms may include the following: irritation redness

Ingestion

No known significant effects or critical hazards.

Section 11. Toxicological Information

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

Short Term Exposure

Potential Immediate Effects No known significant effects or critical hazards

Potential Delayed Effects No known significant effects or critical hazards

Long Term Exposure

Potential Immediate Effects No known significant effects or critical hazards

Potential Delayed Effects No known significant effects or critical hazards

Potential Chronic Health Effects

General No known significant effects or critical hazards

Carcinogenicity No known significant effects or critical hazards

Mutagenicity No known significant effects or critical hazards

Teratogenicity No known significant effects or critical hazards

Developmental effects No known significant effects or critical hazards

Fertility Effects No known significant effects or critical hazards

Numerical Measures of Toxicity

Acute Toxicity Estimates There is no data available

Section 12. Ecological Information

Toxicity There is no data available

Persistence and Degradability There is no data available

Bioaccumulative Potential There is no data available

Mobility in Soil

Soil/Water Partition Coefficient (KOC) There is no data available

Other Adverse Effects There is no data available

Section 13. Disposal Considerations




Disposal Methods The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Section 13. Disposal Considerations

Disposal Methods (cont.)

This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transportation Information

	DOT Classification	IMDG	IATA
UN Number	UN1950	UN1950	UN1950
UN Proper Shipping Name	Aerosols, Flammable (each not exceeding 1L capacity) (1, 1-Difluoroethane)	Aerosols, Flammable (each not exceeding 1L capacity) (1, 1-Difluoroethane)	Aerosols, Flammable (each not exceeding 1L capacity) (1, 1-Difluoroethane)
Transport Hazard Class(es)	2.1 	2.1 	2.1 
Packing Group	-	-	-
Environmental Hazards	No	No	No
Additional Information	Remarks Limited Quantity Exemption	Remarks Limited Quantity Exemption	Remarks Limited Quantity Exemption

AERG: 126

Special Precautions for User

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not available

Section 15. Regulatory Information

U.S. Federal Regulations

United States inventory (TSCA 8b): All components are listed or exempted.
Clean Air Act (CAA) 112 regulated flammable substances: 1,1-Difluoroethane

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)

Not Listed

Clean Air Act Section 602 Class I Substances

Not Listed

Clean Air Act Section 602 Class II Substances

Not Listed

Section 15. Regulatory Information

DEA List I Chemicals
(Precursor Chemicals) Not Listed

DEA List II Chemicals
(Essential Chemicals) Not Listed

SARA 302/304

Composition/Information on Ingredients No products were found

SARA 304 RQ Not applicable

SARA 311/312

Classification Sudden release of pressure
Immediate (acute) health hazard

Composition/Information on Ingredients

Name	%	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (Acute) Health Hazard	Delayed (Chronic) Health Hazard
Triacetoxymethylsilane	1-5	No	No	No	Yes	Yes
Methylsilanetriyl triacetate	1-5	No	No	No	Yes	Yes

State Regulations

Massachusetts

New York

New Jersey

Pennsylvania

California Prop 65

The following components are listed: Silicon dioxide; 1,1-Difluoroethane

None of the components are listed

The following components are listed: 1,1-Difluoroethane

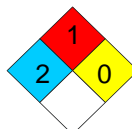
The following components are listed: Silicon dioxide

No products were found

Mexico

Classification

Health



Flammability

Reactivity

Special

International Regulations

International Lists

Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Japan inventory: Not determined.

Korea inventory: All components are listed or exempted.

Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan inventory (CSNN): Not determined.

Section 15. Regulatory Information

Chemical Weapons Convention List Schedule I Chemicals Not Listed

Chemical Weapons Convention List Schedule II Chemicals Not Listed

Chemical Weapons Convention List Schedule III Chemicals Not Listed

Section 16. Other Information

History	
Date of Issue	4/6/2017
Version	1
Key to Abbreviations	
	ATE = Acute Toxicity Estimate
	BCF = Bioconcentration Factor
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient
	MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships,

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.