

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 1 of 9

1	PRODUCT AND COMPANY IDENTIFICATION
----------	---

Manufacturer

Distributed By: Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Product Name: Super Seal RTV- Clear/Black/Red/White
Revision Date: 12/11/2014
MSDS Number: A180 / A185 / A190 / A195 - G
Product Code: A180 /A185 / A190 / A195
Product Use: 100% RTV Silicone - Standard Acetoxy

2	HAZARDS IDENTIFICATION
----------	-------------------------------

Route of Entry: Skin, eye, inhalation, ingestion.

Target Organs: NA

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

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Irritating to mouth, throat and stomach.

PERSONAL PROTECTION INDEX																							
A												G											
B												H											
C												I											
D												J											
E												K											
F												X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A		n		O		P		q		r		S											
t		u		w		y		z		Additional Information													

Super Seal RTV- Clear/Black/Red/White

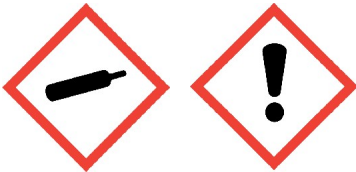
MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 2 of 9

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:
Physical, Gases Under Pressure, Liquefied Gas
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Skin corrosion/irritation, 2

GHS Phrases:
H280 - Contains gas under pressure; may explode if heated
H319 - Causes serious eye irritation
H315 - Causes skin irritation

GHS Precautionary Statements:
P103 - Read label before use.
P102 - Keep out of reach of children.
P101 - If medical advice is needed, have product container or label at hand.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P264 - Wash hands thoroughly after handling.
P303 - IF ON SKIN (or hair): Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 - If eye irritation persists: Get medical attention.
P410+403 - Protect from sunlight. Store in a well ventilated place.
P251 - Pressurized container: Do not pierce or burn, even after use.
P412 - Do not expose to temperatures exceeding 50 °C/122 °F

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 3 of 9

3

COMPOSITION/INFORMATION ON INGREDIENTS
Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
17689-77-9	Triacetoxymethylsilane	1-5%	NA	NA	D
4253-34-3	Methylsilanetriyl triacetate	1-5%	NA	NA	D
75-37-6	1,1-Difluoroethane	1-5%	NA	NA	D

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 environment and hence require reporting in this section.

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

4

FIRST AID MEASURES

- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breaths are 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.
- 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.
- 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 wasteband.

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 4 of 9

5

FIRE FIGHTING MEASURES

Flammability:	NA
Flash Point:	>212 Deg F (>100 Deg C)
Flash Point Method:	Closed Cup
Burning Rate:	ND
Autoignition Temp:	ND
LEL:	ND
UEL:	ND

Extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Special Fire fighting procedures: No special precaution is required.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire & Explosion Hazard: No specific fire or explosion hazard.

Hazard thermal decomposition products: Decomposition products may include the following materials: Carbon dioxide, carbon monoxide, halogenated compounds, carbonyl halides, metal oxides/oxides.

6

ACCIDENTAL RELEASE MEASURES

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.

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

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 (sewer, waterways, soil or air).

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.

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 5 of 9

7

HANDLING AND STORAGE

Handling Precautions:

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.

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.

Storage Requirements:

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.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equip:

HMIS PP, B | Goggles, Gloves

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.

Skin Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical product if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retain 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

Eye protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicated 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 indicated a higher degree of protection: chemical splash goggles.

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.

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.

Exposure Guideline:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Hygienic work practices: 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.

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 6 of 9

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear/black/red/white paste (depends on specific color ordered)		
Physical State:	solid	Odor:	Acetic acid like
Particle Size:	NA	Molecular Formula:	NA
Spec Grav./Density:	(H2O=1): 1.007	Solubility:	NA
Viscosity:	NA	Softening Point:	NA
Sat. Vap. Conc.:	NA	Percent Volatile:	NA
Boiling Point:	NA	Heat Value:	NA
Flammability:	NA	Freezing/Melting Pt.:	NA
Partition Coefficient:	NA	Flash Point:	>212 Deg F (>100 Deg C)
Vapor Pressure:	NA	Octanol:	NA
pH:	NA	Vapor Density:	(Air=1): NA
Evap. Rate:	NA	VOC:	NA
Molecular weight:	NA	Bulk Density:	NA
		Auto-Ignition Temp:	NA
		UFL/LFL:	NA

10

STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	No specific data.
Materials to Avoid:	Oxidizers.
Hazardous Decomposition:	None produced under normal conditions of storage and use.
Hazardous Polymerization:	Will not occur

11

TOXICOLOGICAL INFORMATION

Acute Toxicity

Methylsilanetriyl triacetate (4253-34-3)
 Oral LD50 2060 mg/kg (Rat)

Irritation/Corrosion

Silica
 Eyes- Mild Irritant Exposure 24 hrs 25mg (Rabbit)

Potential acute health effects:

Eye: Causes serious eye irritation
 Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure
 Skin: Causes skin irritation
 Ingestion: Irritating to mouth, throat, and stomach.

Symptoms related to the physical, chemical and toxicological characteristics:

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

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 7 of 9

12

ECOLOGICAL INFORMATION

There is no data available.

Other adverse effects: No known significant effects or critical hazards.

13

DISPOSAL CONSIDERATIONS

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. 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.

Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 8 of 9

14

TRANSPORT INFORMATION

DOT

UN number UN1950
UN proper shipping name Aerosols, flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)
Transport hazard class(es)
Class 2.1
Packing group Not applicable
Environmental hazards No
Additional Information Limited Quantity Exemption

IATA

UN number UN1950
UN proper shipping name Aerosols, flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)
Transport hazard class(es)
Class 2.1
Packing group Not applicable
Environmental hazards No
Additional Information Limited Quantity Exemption

IMDG

UN number UN1950
UN proper shipping name Aerosols, flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)
Transport hazard class(es)
Class 2.1
Packing group Not applicable
Environmental hazards No
Additional Information Limited Quantity Exemption

Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code Not available

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.



Super Seal RTV- Clear/Black/Red/White

MSDS Number: A180 / A185 / A190 / A195 - G

Revision Date: 12/11/2014

Page 9 of 9

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Triacetoxyethylsilane (17689779 1-5%) TSCA

*Methylsilanetriyl triacetate (4253343 1-5%) TSCA

*1,1-Difluoroethane (75376 1-5%) MASS, NJHS, TSCA

*Silicon dioxide (NA NA%) MASS,PA, TSCA

Clean Air Act (CAA) 112 regulated flammable substances: 1,1-Difluoroethane

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

PA = PA Right-To-Know List of Hazardous Substances

16

OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC

Monograph [c] OSHA [d] Not listed [e] Animal data only

N/A = Not available

N/D = Not determined