

FOOD GRADE CLEAR RTV SILICONE SEALANT 80-965

HMIS RATING	
Health	1
Flammability	1
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	1
Reactivity	0
NFPA 30B LEVEL	
1	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-965
PRODUCT NAME Food Grade Clear RTV Silicone Sealant
CHEMICAL FAMILY N/A
DOT SHIPPING Not Regulated

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
+Dimethylsiloxane (70131-67-8)	-	-	-	80-90
+Amorphous Silica (7631-86-9)	-	15mg/m ³	10mg/m ³	10
Ethyltriacetoxysilane (17689-77-9)	-	SEE BELOW	-	2
Methyltriacetoxysilane (4253-34-3)	-	SEE BELOW	-	2
+Polydimethylsiloxane (63148-62-9)	-	-	-	1-10

Observe limits for Acetic Acid formed during cure upon exposure to water and humid air. OSHA PEL-TWA 10ppm; STEL-15ppm. Outer compartment contains a flammable hydrocarbon propellant (Propane/Isobutane/n-Butane blend) which remains contained during product use.

+Ingredient not subject to OSHA hazardous ingredient reporting, listed to comply with Massachusetts, New Jersey, and/or Pennsylvania Right-to-Know Regulations.

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE)	N/D
VAPOR PRESSURE PSIG @ 70°F	N/D
VAPOR DENSITY (AIR = 1)	>1
SOLUBILITY IN WATER	Nil
SPECIFIC GRAVITY (H ₂ O = 1)	1.032
MELTING/FREEZING POINT	N/D
EVAPORATION RATE (Butyl Acetate=1)	<1
VOC content (by weight)	N/D
APPEARANCE AND ODOR	Clear paste/acetic acid odor

4. FIRE AND EXPLOSION DATA

FLASH POINT	N/A
UPPER EXPLOSIVE LIMIT (%)	Not determined.
LOWER EXPLOSIVE LIMIT (%)	Not determined.
EXTINGUISHING MEDIA	Dry chemical, CO ₂ , water fog, foam.
SPECIAL FIREFIGHTING PROCEDURES	Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS	Heated cans may burst.
NFPA Flammability Hazard	1

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Skin, Eyes, Inhalation, Ingestion
HEALTH HAZARDS (ACUTE AND CHRONIC) No injury from silica dust should occur during reasonable use. If use creates respirable particles, some respiratory injuries may occur. This product, as with any chemical, may enhance allergic reactions in certain people. No known chronic health effects, but unnecessary exposure should be avoided. Cured sealant is non-hazardous.

SIGNS & SYMPTOMS OF EXPOSURE Swallowing large amounts may cause digestive discomfort. Overexposure to acetic acid vapors during cure may cause moderate irritation of nose, throat, and eyes.

5. HEALTH EFFECTS DATA (CONT'D)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None known

FIRST AID PROCEDURES

EYES Flush with water for at least 15 minutes.
SKIN CONTACT Wash with soap and water or waterless cleanser.
INGESTION Do not induce vomiting. Keep individual calm. Obtain medical attention.
INHALATION Remove to fresh air.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Crystalline silica as respirable dust is listed as a potential carcinogen by IARC and NTP. In the case of this product, it has been incorporated into the sealant and wetted by the binder resin, no longer presenting a dust hazard. Therefore, the supplier of the RTV material is not indicating crystalline silica as a carcinogen or hazardous.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES High temperatures, strong oxidizers, water causes curing.

HAZARDOUS DECOMPOSITION PRODUCTS CO₂, SiO₂, Carbon Oxides, other incompletely burned Hydrocarbon compounds. Formaldehyde may form when heated above 150°C in the presence of air.

HAZARDOUS POLYMERIZATION Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS Chemical gloves, safety glasses, ventilation sufficient to maintain vapor concentrations below TLV.

WASH REQUIREMENTS .. Wash with soap and water.

SPILL OR LEAK PROCEDURES Scoop up excess material and place in a suitable container. Not a hazardous waste.

WASTE DISPOSAL METHODS Dispose of remaining material in accordance with EPA RCRA and all local, state, and federal regulations.

HANDLING & STORAGE ... Store away from oxidizing materials. Avoid eye or skin contact.

OTHER PRECAUTIONS Keep container closed and store away from water or moisture. Do not puncture or dispose of empty container in fire as the flammable propellant is retained.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

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