80-233 CLEAR RTV SILICONE

HMIS RATING	
Health	1
Flammability	1
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	1
Reactivity	0
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-233
PRODUCT NAME.....Clear RTV Silicone, 11 oz. cart.
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Methyltriacetoxysilane (4253-34-3)		SEE BELOW		2
Ethyltriacetoxysilane (17689-77-9)		SEE BELOW		2
Silica, Amorphous (7631-86-9)	5mg/m³	100mg/m³ (DUST)	-	10
Dimethyl siloxane, hydroxy-terminated (7013106708)	-	-	-	-
Hydrotreated middle petroleum disillates (64742-46-7)	-	-	-	-

Observe limits for Acetic Acid formed during curing on exposure to water or humid air. OSHA PEL: TWA 10ppm; ACGIH TLV: TWA 10ppm; STEL: 15ppm
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. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE).....N/A
VAPOR PRESSURE mmHg @ 77°F.....N/A
VAPOR DENSITY (AIR = 1).....N/A
SOLUBILITY IN WATER.....None
SPECIFIC GRAVITY (H2O = 1).....1.04
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE (Butyl Acetate=1).....N/A
VOC content (by weight).....<5
APPEARANCE AND ODOR.....Clear paste/Acetic Acid odor

4. FIRE AND EXPLOSION DATA

FLASH POINT.....N/A (Solid)
UPPER EXPLOSIVE LIMIT (%).....Not Determined
LOWER EXPLOSIVE LIMIT (%).....Not Determined
EXTINGUISHING MEDIA.....Water, water fog, dry chemical, CO_2, foam
SPECIAL FIREFIGHTING PROCEDURES.....Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus; use water fog to cool containers to prevent rupturing
FIRE AND EXPLOSION HAZARDS.....None
NFPA Flammability Hazard.....N/A

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE
ROUTE OF ENTRY.....Eyes, skin, inhalation, ingestion
HEALTH HAZARDS (ACUTE AND CHRONIC).....Direct contact may irritate eyes with redness and swelling; repeated, prolonged contact may irritate moderately eyes, nose, throat; swallowing large amounts may cause digestive discomfort
SIGNS & SYMPTOMS OF EXPOSURE.....Inhalation: difficulty in breathing; Skin: redness; Ingestion: vomiting, nausea; Eyes: redness and watering
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....None known

5. HEALTH EFFECTS DATA CON'T.

FIRST AID PROCEDURES
SKIN CONTACT.....Wash with soap, large volumes of water; get medical attention if irritation persists
INGESTION.....No first aid should be needed
INHALATION.....Remove to fresh air
EYE CONTACT.....Flush with water for at least 15 minutes, obtain medical attention

SPECIAL HEALTH EFFECTS
CARCINOGEN (OSHA Guidelines).....Presently not on any lists

COMMENTS.....When heated to temperatures above 300°F (150°C) in the presence of air, product can form Formaldehyde Vapor. Formaldehyde is a potential cancer hazard, a known Skin and Respiratory Sensitizer, and an irritant to Eyes, Nose, Throat, Skin, and Digestive System. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA PEL for Formaldehyde.

6. REACTIVITY

STABILITY.....Stable
INCOMPATIBILITIES.....Oxidizing materials can cause a reaction; air or moisture causes curing and Acetic Acid Vapors to form
HAZARDOUS DECOMPOSITION PRODUCTS.....SiO_2, CO_2, Formaldehyde, incompletely burned carbon products
HAZARDOUS POLYMERIZATION.....Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS.....None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Safety glasses; protective neoprene gloves; ventilation sufficient to maintain vapor concentrations below TLV
WASH REQUIREMENTS.....Wash with soap and water
SPILL OR LEAK PROCEDURES.....Remove product and contain for salvage or disposal
WASTE DISPOSAL METHODS.....Dispose of in accordance with local, state, and federal regulations.
HANDLING & STORAGE.....Store below 90°F
OTHER PRECAUTIONS.....Product forms Acetic Acid when exposed to water or humid air; provide adequate ventilation or use NIOSH approved respirator.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

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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