CYCLO[®] INDUSTRIES, LLC MATERIAL SAFETY DATA SHEET

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This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, LLC considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: C-952 Cyclo[®] Red Silicone RTV Instant Gasket Maker C-956 Cyclo[®] Blue Silicone RTV Instant Gasket Maker

Common Code #:3-7132

Hazardous Material Description: DOT & IMDG = Non-hazardous Silicone Sealant

NFPA Code: HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0

SECTION 2 - PHYSICAL DATA

Boiling Point: Not applicable

Specific Gravity @ $25^{\circ}C$ (H₂0=1): 1.032

Vapor Pressure (mm Hg): Not applicable

Vapor Density (AIR=1): Not applicable

Percent Volatile By Volume (%): Not applicable Solubility in Water: None

pH: Not applicable

Appearance and Odor: Paste with acetic acid odor

Volatile Organic Compound (VOC): <5%

Cyclo [®] C-	-952 &	C-956	Silicone	Instant	RTV	Gasket	Maker	MSDS ·	- Page 2 of 4
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SECTION 3 - HAZARDOUS INGREDIENTS								
CAS Reg. No.	Material	Percentage	Exposure Limits					
004253343	Methyltriacetoxysilane	0-5	See acetic acid comments					
007631869	Silica, amorphous	5-15	Observe particulates limits. OSHA PEL: TWA 15 mg/m ³ total dust. 5 mg/m ³ respirable fraction. ACGIH TLV: TWA 10 mg/m ³ total dust.					
017689779	Ethyltriacetoysilane	0-5	See acetic acid comments					

COMMENTS: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable (solid)

Autoignition Temperature: Not determined

Extinguishing Media: Carbon dioxide (CO₂), water, water fog or spray, dry chemical, foam

Flammable Limits In Air % By Volume at: Not determined

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.

Unusual Fire and Explosion Hazards: None

SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion:Small amounts transferred to the mouth by fingers during use, etc., should not injure.
Swallowing large amounts may cause digestive discomfort.Inhalation:Vapor overexposure may irritate eyes, nose and throat.

Skin Contact: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.

Eye Contact: Direct contact irritates moderately with redness and swelling.

Repeated Exposure Effects: None known.

Carcinogenicity: NTP Carcinogen = No; IARC Monographs = No; OSHA Regulated = No

Comments: When heated to temperatures above 302°F (150° C) in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard a known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

SECTION 5 - HEALTH HAZARD DATA continued

First Aid Procedures:

Ingestion:No first aid should be needed.Skin Contact:Remove from skin and was thoroughly with soap and water or waterless cleanser.
Get medical attention if irritation or other ill effects develop or persist.Inhalation:Remove to fresh air.Eye Contact:Immediately flush with water for 15 minutes. Get medical attention.

SECTION 6 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Incompatibility (materials to avoid): Oxidizing material can cause a reaction.

Hazardous Decomposition Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds, formaldehyde.

Hazardous Polymerization: Will not occur

Comments: Water, moisture or humid air can cause hazardous vapors to form (see Section 2).

SECTION 7 - SPECIAL PROTECTION INFORMATION

- Respiratory Protection: Use organic vapor/dust/mist type respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.
- Ventilation: Local Exhaust: Recommended Mechanical (General): Recommended
- Protective Gloves: No special protection is needed
- Skin: Washing at mealtime and end of shift is adequate.
- Eye Protection: Use proper protection safety glasses as a minimum.

Work/Hygienic Practices: Eye washes and safety showers in the workplace are recommended.

Comments: Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines (Section 3) or use respiratory protection. These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications may require added precautions.

SECTION 8 - SPILL OR LEAK PROCEDURES

- Steps To Be Taken In Case Material Is Released or Spilled: Scrape up and contain for salvage or disposal. Avoid eye contact. Avoid breathing vapor. Keep container closed.
- Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Keep container closed and store away from water or moisture.

Other precautions: No special precautions.

SECTION 10 – REGULATORY INFORMATION

TSCA: All chemical substances found in this product comply with the Toxic Substance Control Act inventory reporting requirements.

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances: None Section 304 CERCLA Hazardous Substances: None Section 312 Hazard Class: Acute=Yes, Chronic=No, Fire=No, Pressure=No, Reactive=No Section 313 Toxic Chemicals: None present or none present in regulated quantities.

California

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer: None Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause birth defects or other reproductive harm: None

Date entered: 3/6/01

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