

CYCLO[®] INDUSTRIES, LLC

MATERIAL SAFETY DATA SHEET

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 & COMPANY IDENTIFICATION

Product Name: Cyclo[®] Black Silicone RTV Instant Gasket Maker, Stock Nos. C-951 & C-991
Cyclo[®] Clear Silicone Adhesive Sealant, Stock Nos. C-953 & C993

Product Use: Gasket replacement or coating gaskets for valve covers, water pumps, thermostat housings, etc.

Manufactured by: Cyclo Industries, LLC
10190 Riverside Drive, Palm Beach Gardens, Florida 33410-4881
Telephone: (561) 775-9600

First Aid Emergency: (800) 752-7869 or (312) 906-6194

Shipping Emergency: (800) 424-9300 or (703) 527-3887 (CHEMTREC)

SECTION 2 – COMPOSITION/INFORMATION ON 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	Ethyltriacetoxysilane	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 3 – HAZARDS IDENTIFICATION

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.

SECTION 3 – HAZARDS IDENTIFICATION continued

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 4 – FIRST AID MEASURES

First Aid Procedures:

Ingestion: No first aid should be needed.

Skin Contact: Remove from skin and wash 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 5 – FIRE FIGHTING MEASURES

Flash Point: Not applicable (solid)

Autoignition Temperature: Not determined

Flammable Limits in Air by Volume: Not determined

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

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

NFPA Code: HEALTH = 1

FLAMMABILITY = 1

REACTIVITY = 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Scrape up and contain for salvage or disposal. Avoid eye contact. Avoid breathing vapor. Keep container closed.

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None

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

Hazardous Decomposition or Byproducts: 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 11 – TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

SECTION 12 – ECOLOGICAL INFORMATION

Aquatic/Terrestrial Toxicity Environmental Fate: No data is available at this time.

SECTION 13 – DISPOSAL CONSIDERATIONS

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 14 – TRANSPORT INFORMATION

U.S. DOT

Shipping Description:	Non-hazardous Silicone Sealant
ID Number:	Not applicable
Hazard Class:	Not applicable
Packing Group:	Not applicable
Label:	Not applicable
Placards:	Not applicable

IMDG

Shipping Description:	Non-hazardous Silicone Sealant
ID Number:	Not applicable
Hazard Class:	Not applicable
Packing Group:	Not applicable
Label:	Not applicable
Markings:	Not applicable
Placards:	Not applicable

SECTION 15 – REGULATORY INFORMATION
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TSCA Inventory: All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory of chemical substances maintained by the U.S. Environmental Protection Agency.

SARA Extremely Hazardous Substances None

SARA Section 313 This product contains the following toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (SARA 313 – Toxic Chemical Release Reporting)

<u>Chemical Name</u>	<u>CAS#</u>	<u>Weight %</u>
None		

CERCLA/Superfund (RQ): This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

SECTION 16 – OTHER INFORMATION

Document Date: 8/15/03

Supersedes: 3/6/01

Revisions: Section 1, Added C-991 and C993, Added Sections 11, 12 and 15

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