

# CYCLO<sup>®</sup> 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<sup>®</sup> UltraWeld<sup>®</sup> Clear Epoxy (Syringe – Hardener Part B) Stock No. C-933

**Product Use:** Bonding Compound – Use on concrete, metal, wood, glass, china, plastic, tile and more.

**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          | % (optional) | Exposure Limits |
|--------------|-------------------|--------------|-----------------|
| Proprietary  | Mercaptan polymer |              | Not established |

### SECTION 3 – HAZARDS IDENTIFICATION

**Effects of Overexposure:**

Ingestion: Low acute oral toxicity

Inhalation: Not considered a problem unless heated to high temperatures.

Skin Contact: Overexposure could cause burns or blistering. Not likely to be absorbed through skin in toxic amounts.

Eye Contact: Extremely irritating with possible eye injury

**Health Hazards (Acute and Chronic):** None known

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

**Medical Conditions Generally Aggravated by Exposure:** None known

#### SECTION 4 – FIRST AID MEASURES

##### First Aid Procedures:

- Ingestion: DO NOT induce vomiting. Give large quantities of water. Give one ounce vinegar in once ounce water. Consult physician
- Skin Contact: Wash with soap and water. Wash clothes before reuse.
- Inhalation: Remove to fresh air if effects occur. Consult physician
- Eye Contact: Irrigate with water for fifteen minutes. Consult physician.

#### SECTION 5 – FIRE FIGHTING MEASURES

**Flash Point:** 495°F (257°C) **Method Used:** COC

**Flammable Limits in Air by Volume:** Lower Explosion Level (LEL) = Not determined  
Upper Explosion Level (UEL) = Not determined

**Extinguishing Media:** Water spray, Foam, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedures:** Treat as a Class B fire. Use water to cool containers

**Unusual Fire and Explosion Hazards:** None

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spill/Leak Procedures:** Absorb with inert material (sand, vermiculite, etc.). Sweep or scoop up and put in disposal container. Flush area immediately with plenty of water. Prevent washings from entering waterways.

#### SECTION 7 – HANDLING AND STORAGE

**Handling Procedures:** Practice reasonable care and cleanliness. Avoid gross contamination of skin. Wash skin with plenty of soap and water. Use with adequate ventilation. Avoid breathing vapors. KEEP OUT OF THE REACH OF CHILDREN.

**Storage Procedures:** No special requirements

#### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** NIOSH approved organic vapor respirators are only required when ventilation is inadequate. NIOSH approved air-line respirators with auxiliary escape air tanks or self-contained breathing apparatus should be used in confined spaces.

**Ventilation:** Local, mechanical exhaust.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION continued**

**Protective Gloves:** Impervious gloves required for prolonged or repeated contact.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Equipment:** Apron or other clothing is recommended to protect against skin and clothing contamination.

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

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** >500°F (>260°C)

**Specific Gravity (H<sub>2</sub>O=1):** 1.15

**Vapor Pressure (mm Hg):** Not applicable

**Vapor Density (Air = 1):** Not applicable

**Solubility in Water:** Slight

**pH:** Not available

**Percent Volatile By Volume (%):** 0.0

**Evaporation Rate (Butyl Acetate = 1):** Less than

**Appearance and Odor:** Amber liquid, sulphurous odor

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility (materials to avoid):** Strong oxidizers

**Hazardous Decomposition or Byproducts:** Decomposition may produce carbon monoxide and/or carbon dioxide.

**Hazardous Polymerization:** Will not occur.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Low acute oral toxicity:

**SECTION 12 – ECOLOGICAL INFORMATION**

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

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| <b>SECTION 13 – DISPOSAL CONSIDERATIONS</b> |
|---|

**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.

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|---|
| <b>SECTION 14 – TRANSPORT INFORMATION</b> |
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**U.S. DOT**

|                              |                                |
|------------------------------|--------------------------------|
| <b>Shipping Description:</b> | Non-Hazardous Bonding Compound |
| <b>ID Number:</b>            | Not applicable                 |
| <b>Hazard Class:</b>         | Not applicable                 |
| <b>Packing Group:</b>        | Not applicable                 |
| <b>Label:</b>                | Not applicable                 |
| <b>Placards:</b>             | Not applicable                 |

**IMDG**

|                              |                                |
|------------------------------|--------------------------------|
| <b>Shipping Description:</b> | Non-Hazardous Bonding Compound |
| <b>ID Number:</b>            | Not applicable                 |
| <b>Hazard Class:</b>         | Not applicable                 |
| <b>Packing Group:</b>        | Not applicable                 |
| <b>Label:</b>                | Not applicable                 |
| <b>Markings:</b>             | Not applicable                 |
| <b>Placards:</b>             | Not applicable                 |

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| <b>SECTION 15 – REGULATORY INFORMATION</b> |
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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 CERC LA 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:** May 2, 2003

**Supersedes:** None

**Revisions:** No revisions.

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