

# 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> Rear View Mirror Adhesive, Stock No. C-910  
Modified Acrylic Adhesive (Part A)

**Product Use:** Adhesive to reattach rear view mirrors.

**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
Proprietary	Methacrylate Monomer	40 – 70	Not established
Proprietary	High Boiling Point Methacrylate	1 - 10	Not established
Proprietary	Methacrylic Acid	1 – 10	20ppm ACGIH (TLV) (TWA) 20 ppm ACGIH (TLV) (TWA)
110-16-7	Acrylic Acid	2 – 7	2ppm ACGIH (TLV) (TWA) 20 ppm ACGIH (TLV) (TWA)
Proprietary	Butadine Styrene Copolymer	10 – 40	Not established
Proprietary	Organic Peroxide	1 – 5	Not established
81-07-2	Saccharin	1 – 5	Not established
Proprietary	Antioxidant	0.1 – 1	Not established

### SECTION 3 – HAZARDS IDENTIFICATION

**Effects of Overexposure:**

Inhalation: Prolonged and repeated overexposure to vapors may produce symptoms of non-allergic asthma in sensitive individuals.

**SECTION 3 – HAZARDS IDENTIFICATION continued**

Skin Contact: Skin irritant

Eye Contact: Eye irritant. Vapor is irritating to eyes and mucous membranes above TLV.

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

**SECTION 4 – FIRST AID MEASURES**

**First Aid Procedures:**

Ingestion: Seek medical attention.

Skin Contact: Soak in warm water.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Eye Contact: Flush with warm water. Seek medical attention.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Flash Point:** 150°F (66°C)

**Method Used:** Tag Closed Cup

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

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

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Vapors exceeding the flash point will ignite when exposed to flame.

**HMIS Code:** Health = 2 Flammability = 3 Reactivity = 2

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Spill/Leak Procedures:** Soak up with inert absorbent and store in vented containers.

**SECTION 7 – HANDLING AND STORAGE**

**Handling Procedures:** Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors. See product label for additional information. **KEEP OUT OF THE REACH OF CHILDREN.**

**Storage Procedures:** Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location.

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

**Respiratory Protection:** Not applicable with good local exhaust.

**Ventilation:** Local exhaust ventilation recommended to maintain vapor level below TLV.

**Protective Gloves:** Polyethylene or non-reactive gloves. Do not use cotton or wool.

**Eye Protection:** Safety glasses with splash guards or full face shield is recommended.

**Other Protective Equipment:** Apron or other clothing is recommended for prolonged or repeated use.

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

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** >300°F (>148.7°C)                      **Specific Gravity (H<sub>2</sub>O=1):** 1.08

**Vapor Pressure:** <0.2 mmHg @ 20°C              **Vapor Density (Air=1):** Approximately 3

**Solubility in Water:** Negligible. Polymerized by water.

**Percent Volatile By Volume (%):** Not available

**Evaporation Rate (Butyl Acetate = 1):** Not applicable

**Appearance and Odor:** Clear liquid with sharp, pungent odor

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility (materials to avoid):** Polymerized by contact with oxidizers, amines and alkalis

**Hazardous Polymerization:** Will not occur

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Estimated oral LD50 more than 5000 mg/kg.

**SECTION 12 – ECOLOGICAL INFORMATION**

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

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Incinerate or 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. Not a RCRA hazardous waste.

**SECTION 14 – TRANSPORT INFORMATION**

**U.S. DOT & IMDG**

**Shipping Description:** Adhesive, Non-Hazardous  
**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**

**TSCA Inventory:** The intentional ingredients 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>
Saccharin	81-07-2	1 - 5

<b>CERCLA/Superfund (RQ):</b> <u>Component</u>	<u>RQ (lbs.)</u>
Saccharin	100

**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:** 5/8/03

**Supersedes:** 4/30/02

**Revisions:** The following sections have been added: 11, 12, 14 & 15

Cyclo Industries, LLC provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. Cyclo Industries, LLC makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, LLC will not be responsible for damages resulting from use of or reliance upon this information.