

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[®] 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, CO₂, 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 (H₂O=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

CERCLA/Superfund (RQ): <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

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