

Product: Quicksilver Rubber & Gasket Adhesive**Product #:** 92-25234, 92-25234 1, 92-86166**SECTION I - MANUFACTURER INFORMATION****Name:** Mercury Marine**Emergency:** 800-424-9300 (ChemTrec)**Address:** W6250 W. Pioneer Rd.**Information:** 920-929-5418

PO Box 1939

Date Prepared: 04-14-88

Fond du Lac WI 54936-1939

Revised: 08-30-94**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
1,1,1-Trichloroethane (71-55-6)	350ppm	350ppm		80-85
Toluene (108-8803)	100ppm	100ppm		1-5

* Specific Chemical Identity, Common Name (CAS)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**Boiling Point:** 161°F**Specific Gravity (H₂O=1):** 1.27**Vapor Pressure (mmhg):** 100**Melting Point:** N/A**Vapor Density (Air=1):** 4.5**Evaporation Rate:** 2.6**Solubility in Water:** Negligible**(Butyl Acetate=1)****Appearance and Odor:** Tan liquid, ether-like odor**SECTION IV - FIRE AND EXPLOSION HAZARD DATA****Flash Point (Method Used):** N/A**Flammable Limits:** LEL - 7.5 UEL - 15.0**Extinguishing Media:** Water fog**Special Fire Fighting Procedures:** Water may be used to keep fire-exposed containers cool until fire is out. Wear SCBA apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.**Unusual Fire and Explosion Hazards:** Never use welding or cutting torch on or near drums (even empty) because product (even just residue) can ignite explosively. Vapors in a confined/poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity source of heat. Vapors are heavier than air and will collect in low area.**SECTION V - REACTIVITY DATA****Stability:** Unstable () Stable (X)**Conditions to Avoid:** Liquid oxygen or other strong oxidants may form explosive mixtures with 1,1,1-trichloroethane**Incompatibility (Materials to Avoid):** Reactive metals such as Aluminum and Magnesium, open flame, welding arcs, resistance heaters, etc., and strong oxidizing agents**Hazardous Decomposition or Byproducts:** May form toxic materials; Carbon Dioxide and Carbon Monoxide, Hydrogen Chloride, Phosgene, Chlorine, various Hydrocarbons, etc.**Hazardous Polymerization:** May Occur () Will Not Occur (X)**ADDITIONAL INFORMATION**

Mercury Marine Emergency Information Number: 920-929-5000

Manufacturer, Evans-St. Clair, Inc., Information Number: 800-424-9300 (ChemTrec)

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation (Y) Skin (Y) Ingestion (Y) Eye (Y)

Health Hazards (Acute and Chronic): Overexposure has apparently been found to cause these effects in laboratory animals: liver abnormalities, kidney, nasal and lung damage. Also, has been suggested as a cause of the following effects in humans: cardiac abnormality, liver abnormalities, kidney and lung damage.

Carcinogenicity: NTP (N) IARC Monographs (N) OSHA Regulated (N)

Signs and Symptoms of Exposure: Eye - Mild irritation. May cause slight corneal injury. Skin - Mild irritation, and may dry the skin. Inhalation - Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation. Ingestion - Gastrointestinal irritation, nausea, vomiting, and diarrhea.

Medical Conditions Generally Aggravated by Exposure: Possibly any eye, lung, or skin disorder.

Emergency and First Aid Procedures: Skin - Thoroughly wash exposed area with soap and water. Remove contaminated clothing (launder before reuse). Eye - Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention. Ingestion - DO NOT INDUCE VOMITING. Call physician or transport to an emergency facility. This material is an aspiration hazard. Inhalation - Remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention. Do not give stimulants. Epinephrine or Ephedrine may adversely affect the heart with fatal results.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: **Small Spill:** Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood. **Large Spill:** Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source; dike area to prevent spreading; pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Waste Disposal Method: **Small Spill:** Allow volatile portion to evaporate in hood. Allow sufficient time for vapors to completely clear hood duct work. Dispose of remaining material in accordance with applicable regulations. **Large Spill:** Destroy by liquid incineration. Contaminated absorbent may be deposited in a landfill in accordance with Federal, State, and Local regulations.

Precautions to be taken in Handling and Storing: Store in dry, cool place. Do not store outside in direct sunlight. Contact with aluminum parts in pressurizable fluid application system may cause violent reaction. Consult safety equipment supplier for further information.

Other Precautions: **KEEP AWAY FROM CHILDREN!** Containers of this material may be hazardous when emptied. Since empty containers retain product residue (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Avoid contact with plastic and rubber, i.e., equipment, protective clothing, and containers.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): A NIOSH/MSHA jointly approved air-supplied respirator is advised in absence of proper environmental control.

Ventilation: Local Exhaust (Y) Mechanical (Y)

Protective Gloves: Polyvinyl Alcohol/Polyethylene **Eye Protection:** Chemical-splash goggles

Other Protective Clothing or Equipment: Impervious clothing and boots

Work/Hygiene Practices: Always follow good housekeeping and personal hygiene practices.

N/D = NOT DETERMINED (NO DATA) N/E = NONE ESTABLISHED Y = YES

N/A = NOT APPLICABLE N/AV = NOT AVAILABLE N = NO

Pursuant to Proposition 65: Certain raw materials used in making this product may contain small amounts of materials as impurities which are regulated by Proposition 65 which applies to a list of chemicals named by the Governor of California as carcinogens or reproductive toxins. Warning requirements for specific chemicals take effect one year after they are added to the Governor's List. Other chemicals already added to the Governor's List will be regulated later under Proposition 65.