

Product: Hypalon Repair Kit (Tube of Cement)**Product #:** 92-809699**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: 10-04-93

Fond du Lac WI 54936-1939

Revised:**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components*	OSHA PEL	ACGIH TLV	V.	P.	% (Opt.)
Toluene (108-88-3)**	100ppm	50ppm	22		50
Ethyl Acetate (141-78-6)	400ppm	400ppm	73		N/D
Aliphatic Hydrocarbon (64742-89-8)	400ppm***	400ppm***	12		N/D
Silica, Amorphous-Hydrated (63231-67-4)	6mg/m ³	10mg/m ³	N/D		N/D

* Specific Chemical Identity, Common Name (CAS)

** This component is listed as a SARA Section 313 Toxic Chemical.

***Manufacturer recommended exposure limit.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**Boiling Point:** 168°F**Specific Gravity (H₂O=1):** N/D**Vapor Pressure (mmhg):** See Section II**Melting Point:** N/D**Vapor Density (Air=1):** > 1**Evaporation Rate:** < 1**Solubility in Water:** N/D**(Diethyl Ether=1)****Appearance and Odor:** Colorless**SECTION IV - FIRE AND EXPLOSION HAZARD DATA****Flash Point (Method Used):** 25°F (SFCC)**Flammable Limits:** Toluene **LEL** - 1.7 **UEL** - 7.1 Ethyl Acetate **LEL** - 2.0 **UEL** - 11.0**Extinguishing Media:** Use NFPA Class B fire extinguishers (Carbon Dioxide, all-purpose dry chemical, or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires.**Special Fire Fighting Procedures:** Water may be ineffective but may be used to cool exposed containers to prevent pressure buildup and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.**Unusual Fire and Explosion Hazards:** Flammable material. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.**SECTION V - REACTIVITY DATA****Stability:** Unstable () Stable (X)**Conditions to Avoid:** Excessive heat (> 115°F) and sources of ignition**Incompatibility (Materials to Avoid):** Strong acids or alkaline materials**Hazardous Decomposition or Byproducts:** Burning, including when heated by welding or cutting, will produce smoke, Carbon Monoxide, and Carbon Dioxide. In addition, Hydrogen Chloride and Chlorine may be generated.**Hazardous Polymerization:** May Occur () Will Not Occur (X)**ADDITIONAL INFORMATION**

Mercury Marine Emergency Information Number: 920-929-5000

Manufacturer, Pierce & Stevens, Emergency Number: 716-873-6000

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Repeated overexposure to Toluene may cause liver damage. Reports have associated prolonged and repeated occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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

Signs and Symptoms of Exposure: Ingestion - Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of material into lung may cause chemical pneumonitis which can be fatal. Inhalation - May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea, and confusion. Eye - May cause irritation. Skin - May cause defatting and irritation.

Medical Conditions Generally Aggravated by Exposure: N/D

Emergency and First Aid Procedures: Ingestion - Do not induce vomiting. Call poison control center, hospital emergency room, or physician immediately. Inhalation - Remove to fresh air immediately. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention immediately. Eye - Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention. Skin - Remove contaminated clothing. Use waterless skin cleaner followed by soap and water to wash the affected area. Obtain medical attention if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Only authorized cleanup personnel should be allowed at spill area. Eliminate all ignition sources (flames, hot surfaces, and sources of electrical, static, or frictional sparks). Use only non-sparking tools. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered, metal containers for recovery or disposal or remove with inert absorbent. Place absorbent diking materials in covered, metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

Waste Disposal Method: Dispose in accordance with Federal, State, and Local regulations. Do not weld, braze, or cut empty containers.

Precautions to be taken in Handling and Storing: Do not store above 115°F. Store large quantities in compliance with OSHA 29 CFR 1910.106. Close container after each use.

Other Precautions: **KEEP AWAY FROM CHILDREN!** Do not take internally.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): In restricted ventilation areas, a NIOSH-approved chemical cartridge respirator may be required. If the TLVs listed in Section II are exceeded, use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor.

Ventilation: **Local Exhaust** - Provide in sufficient volume and pattern so as to maintain exposure below nuisance dust limits and PELs.

Mechanical - Use under certain conditions, such as spraying.

Protective Gloves: Solvent impermeable gloves for repeated or prolonged contact

Eye Protection: Safety glasses or goggles

Other Protective Clothing or Equipment: N/D

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 that 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.