

**Product:** Touch-Up Paint - Mariner Silver (Aerosol)**Product #:** 92-802878 12**SECTION I - MANUFACTURER INFORMATION**

**Name:** Mercury Marine  
**Address:** W6250 W. Pioneer Rd.  
 PO Box 1939  
 Fond du Lac WI 54936-1939

**Emergency:** 800-424-9300 (ChemTrec)  
**Information:** 920-929-5418  
**Date Prepared:** 04-10-97  
**Revised:** 08-31-05

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

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
Aluminum (7429-90-5)**	N/D	10mg/m <sup>3</sup>		2
Ethyl Benzene (100-41-4)**	100ppm	100ppm		2.802
Mineral Spirits (64742-47-8)	N/D	100ppm		1
N-Butane (106-97-8)	800ppm	800ppm		6
Propane (74-98-6)	N/D	1000ppm		18
Xylene (1330-20-7)**	100ppm	100ppm		12
Acetone (67-64-1)	750ppm	750ppm		35
Glycol Ether PM Acetate (108-65-6)	N/E	N/E		6

\* Specific Chemical Identity, Common Name (CAS)

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

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS****Boiling Point:** 1° to 353°F**Specific Gravity (H<sub>2</sub>O=1):** 0.759**Vapor Pressure (mmhg):** 5585.2 @ 20°C**Melting Point:** N/D**Vapor Density (Air=1):** 3.70**Evaporation Rate:** 7.7**Solubility in Water:** N/D**(Butyl Acetate=1)****Appearance and Odor:** Opaque liquid, solvent odor**HMIS Rating:** H-2 F-4 R-0 P-See Section VIII**SECTION IV - FIRE AND EXPLOSION HAZARD DATA****Flash Point (Method Used):** < -25°F (No Method Listed) **NFPA Rating:** N/D**Flammable Limits:** LEL - 1.0 UEL - 13.1**Extinguishing Media:** Dry chemical, carbon dioxide, or chemical foam

**Special Fire Fighting Procedures:** Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used. Water spray should not be used except to keep down vapors or cool closed containers to prevent buildup of pressure. If water is used, fog nozzles are preferred. When fighting a fire involving aluminum paste, do not use a water stream or halogenated extinguishing agents.

**Unusual Fire and Explosion Hazards:** Contents under pressure. Aerosol containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back.

**SECTION V - REACTIVITY DATA****Stability:** Unstable ( ) Stable (X)**Conditions to Avoid:** Contact with heat, sparks, and open flame. Product may explode if heated.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents. Aluminum flake can react violently with halogenated hydrocarbons including halogenated fire extinguishing agents. Aluminum flake can also react with some acids and caustic solutions.

**Hazardous Decomposition or Byproducts (Thermal):** May produce carbon dioxide, carbon monoxide, and unidentifiable organic materials. Product may produce toxic fumes when burned.

**Hazardous Polymerization:** May Occur ( ) Will Not Occur (X)

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (Acute and Chronic):** Liquid or vapor may be irritating to skin, eyes, throat, and lungs. Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal. Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals: anemia and damage to kidney, eye, lung, liver, spleen, and red blood cells. Chronic overexposure has also been suggested as a cause of cardiac abnormalities in humans. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**Carcinogenicity: Carbon Black** NTP (N) IARC Monographs (Possibly) OSHA Regulated (N)

**Carcinogenicity: Ethylbenzene** NTP (N) IARC Monographs (Possibly) OSHA Regulated (N)

**Carcinogenicity: All Other Ingredients** NTP (N) IARC Monographs (N) OSHA Regulated (N)

**Signs and Symptoms of Exposure:** Eye - May cause severe irritation. Skin - May cause irritation.

Inhalation - Exposure to high concentrations may cause dizziness, breathing difficulty, headaches, or respiratory irritation. Extremely high concentrations may also cause drowsiness, staggering, confusion, unconsciousness, coma, or death. Excessive inhalation of vapors can cause nasal and respiratory irritation. Ingestion - Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, and narcosis. Aspiration into the lungs if swallowed or if vomiting occurs can cause chemical pneumonitis which can be fatal.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing lung disorders may be aggravated by exposure to material(s) in this product. Skin contact may aggravate existing dermatitis.

**Emergency and First Aid Procedures:** Eye - Immediately flush eyes with large quantities of water for 15 minutes. If irritation persists, seek medical attention. Skin - Remove contaminated clothing and wash affected skin area thoroughly with soap and water. Seek medical attention. Launder contaminated clothing before reuse. Inhalation - Move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention. Ingestion - SEEK MEDICAL ATTENTION IMMEDIATELY! Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be Taken in Case Material is Released or Spilled:** Remove all sources of ignition. Ventilate area of spill and adjacent low-lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials with non-sparking tools.

**Waste Disposal Method:** Place in closed containers. Dispose of product in accordance with federal, state, county, and local regulations.

**Precautions to be taken in Handling and Storing:** Store in a cool, dry area (<120°F) with ventilation suitable for storing materials shown in Section II. Keep away from heat, sparks, and flame. Store away from direct sunlight or sources of ignition. Wash hands thoroughly after handling.

**Other Precautions: KEEP AWAY FROM CHILDREN!**

<b>SECTION VIII - CONTROL MEASURES</b>
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**Respiratory Protection (Specify Type):** A NIOSH/OSHA-approved respirator suitable for components listed in Section II is recommended if workplace exposure limits are to be exceeded.

**Ventilation: Local Exhaust & Mechanical** - Provide sufficient ventilation, in volume and pattern, to keep air contamination below current applicable PELs and TLVs.

**Protective Gloves:** Chemical-resistant plastic or rubber gloves recommended for prolonged or repeated contact.

**Eye Protection:** Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

**Other Protective Clothing or Equipment:** Impervious clothing for prolonged or repeated contact.

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

<b>ADDITIONAL INFORMATION</b>
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Mercury Marine Emergency Information Number: 920-929-5000

Manufacturer, Raabe Corp., Emergency Number: 262-255-9500

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

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

**Proposition 65 Warning for Ethyl Benzene:**

This product contains chemical(s) which are listed on California's proposition 65 list. If the product is to be sold or used in California a clear and reasonable warning must be provided such as:

Warning! This product contains a chemical or chemicals known to the State of California to cause cancer.