SECTION I - PRODUCT IDENTIFICATION

Product Name: Fiberglass Resin for #401, #401C, #402, #402C, #402E, #402K, #404, #404C, #404E, #406C, #420, #420C, #420E, #420K, #4204, #422, #422C, #422E, #423C, #424C, #690, #692, #692E, #694, #694E, #695, #3420, #3420C, #3422, #3422C, #3424C, #3502, #3504, #3506
Marine General Purpose Resin for #3401, #3401E, #3402, #3402E, #3404, #3404E
Marine Laminating Resin #3502, #3504, #3506
Boatyard Resin for #3692, #3692E, #3694, #3694E, #3696
General Purpose Resin #63401, #63402, #63404
Chemical Family: Unsaturated Polyester Resin

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% By Weight</th>
<th>Exposure Limits</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsaturated Polyester Resin</td>
<td>&lt;65</td>
<td>NE</td>
<td>25037-66-5</td>
</tr>
<tr>
<td>Styrene Monomer</td>
<td>35-37</td>
<td>50 ppm-TWA(1)</td>
<td>100-42-5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm-STEEL</td>
<td></td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

Boiling Point: 293°F (Styrene)
Vapor Pressure: (mm Hg) 4.5 (Styrene)
Vapor Density (AIR=1): 3.6 (Styrene)
Ace=1): UK
Solubility in Water: Negligible

Specific Gravity: 1.1
Percent Volatile By Wt.: 35-37
Evaporation Rate (Bu
Appearance/Odor: Clear Viscous Liquid, Sharp Styrenated Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 90°F (Styrene) (PMCC) 1.1%
Extinguishing Media: Carbon dioxide, dry chemical (small fires); foam and water fog (large fires)
Special Fire Fighting Procedures: Cool containers with water. Fire fighters should wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: High temperature exposure for extended periods of time will result in spontaneous uncontrolled exothermic polymerization.

Flammable Limits: LEL-
UEL-6.1% (Styrene)

SECTION V - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong acids and oxidizing agents
Hazardous Decomposition Products: Heating of this material to decomposition may cause the emission of irritating, acrid fumes.
Hazardous Polymerization: May occur
Conditions to Avoid: Heat and direct sunlight
SECTION VI - SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as sawdust, vermiculite or sand and place in a closed container. If large spill, dike the area to prevent this material from entering water systems or sewers.

Waste Disposal Method: Dispose in accordance with Federal, State and Local regulations. If discarded, this material and containers are considered RCRA hazardous wastes based on the characteristic of ignitability (40CFR 261.21).

SECTION VII - HEALTH HAZARD DATA

Permissible Exposure Level: OSHA PEL and ACGIH TLV are both 50 ppm for an 8-hour Time Weighted Average (TWA). The OSHA and ACGIH Short Term Exposure Level (STEL) are 100 ppm for a 15-minute period. Exposure to styrene may exceed the STEL during a 15-minute period (no ceiling for brief exposures); however, the average for a single STEL period must not exceed 100 ppm.

Primary Route(s) of Entry:
Skin Absorption
Inhalation

Effects of Overexposure:
Acute: May cause eye and skin irritation. Vapors may cause mucous membrane irritation and upper respiratory tract discomfort.
Chronic: Repeated exposure to high concentrations of vapor may cause liver and kidney damage.

Signs and Symptoms of Exposure:
Eyes: May cause irritation. Liquid splashes may result in more serious injuries. May cause tearing.
Skin: Prolonged or frequent contact may cause defatting and dryness of the skin with resultant irritation and possible dermatitis. Styrene may be absorbed through the skin in toxic amounts.
Inhalation: Vapors may cause mucous membrane irritation and upper respiratory tract discomfort. High concentrations may result in headache, nausea, insensibility and other central nervous system effects.
Ingestion: May cause gastrointestinal disturbances, pain and discomfort.

Medical Conditions Generally Aggravated by Exposure: Individuals with chronic respiratory conditions (i.e., asthma, chronic bronchitis, emphysema, etc.) may be adversely affected by any fume or airborne particulate matter exposure.
Carcinogenicity: For hazard communication purposes under OSHA Standard 29CFR 1910.1200, styrene is listed as possibly carcinogenic to humans (Class 2B) by the International Agency for Research on Cancer (IARC). Neither data from various long-term animal studies nor from epidemiological studies of workers exposed to styrene provide adequate basis to conclude that styrene is carcinogenic.

Emergency and First Aid Procedures:
Eyes: Flush with plenty of water for at least 15 minutes. Seek immediate medical aid.
Skin: Wash with soap and water.
Inhalation: Remove victim from exposure. If unconscious, administer artificial respiration and/or oxygen as needed. Seek medical aid.
Ingestion: DO NOT INDUCE VOMITING (aspiration hazard). Seek immediate medical aid.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Organic vapor respirator if PEL or TLV is exceeded. Appropriate respirator selection depends upon type and magnitude of exposure.
Ventilation: General ventilation is required during normal use. Local ventilation may be required during certain operations to keep exposure levels below the TLV listed in Section II.
Eye Protection: Face shield or chemical goggles
Protective Gloves: Appropriate impervious gloves to prevent skin contact. Polyvinyl alcohol and polyethylene protective garments have been recommended for protection against materials of this chemical class.
Other Protective Equipment: Wear protective clothing to prevent skin contact. Eye wash stations and safety showers should be available.
Hygienic Practices: Wash hands with soap and water after every usage.
SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storage:  Avoid storage above 1000°F.  Avoid prolonged or repeated skin contact. Avoid inhalation of vapors.  KEEP OUT OF REACH OF CHILDREN.

SECTION X - SUPPLEMENTAL INFORMATION

Regulatory Information:
VOC:  VOC of the material = 386 g/l = 3.22#/gal.  
VOC of the material after mixing with Component B (Hardener) = 0 g/l
SARA Title III:  
Styrene is listed as a SARA toxic chemical and is subject to the reporting requirements of section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.  
TSCA:  All ingredients in this product are listed in the TSCA Inventory. 
HMIS:  Health - 2 Flammability - 3 Reactivity - 1

Prepared/Revised By:  Safety/Environmental Services

Date: August 25, 1999

All statements, technical information, and recommendations contained herein are based upon available scientific tests or data which we believe to be reliable.  Since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used, Bondo/Mar-Hyde makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.

(1) The recommended permissible exposure limits (PELs) indicated in Section II reflect the levels revised by OSHA in 1989.  The 1989 levels have been repealed by the 11th Circuit Court of Appeals.  It is recommended that the lower PELs are observed to ensure worker protection.
MATERIAL SAFETY DATA SHEET

BONDO/MAR-HYDE CORPORATION
3700 ATLANTA INDUSTRIAL PARKWAY, N.W.
ATLANTA, GA 30331
404-696-2730

FOR TRANSPORTATION EMERGENCIES, CALL CHEMTREC 800-424-9300

SECTION I - PRODUCT IDENTIFICATION

Product Name: Liquid Hardener for Fiberglass Resin, Marine General Purpose Resin, Marine Laminating Resin, Boatyard Resin, General Purpose Resin
Chemical Family: Organic Peroxides/Ketone Peroxides

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% By Weight</th>
<th>Exposure Limits</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone Peroxide</td>
<td>30-35</td>
<td>0.7 ppm-ceiling</td>
<td>1338-23-4</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>0-5</td>
<td>1 ppm-ACGIH-TWA-OSHA</td>
<td>7722-84-1</td>
</tr>
<tr>
<td>Dimethyl Phthalate</td>
<td>40-60</td>
<td>5 mg/m^3-TWA</td>
<td>131-11-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m^3-STEL</td>
<td></td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

Boiling Point: NA
Specific Gravity: 1.17
Vapor Pressure: ND
Percent Volatile By Wt.: ND
Vapor Density (AIR=1): ND
Evaporation Rate (Bu Ace=1): ND
Solubility in Water: Insoluble
Appearance/Odor: Clear Liquid/Faint Ketone Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 180°F (82°C) (SETA CC)
Extinguishing Media: Water fog or spray, CO₂, dry chemical, foam
Flammable Limits: ND
Special Fire Fighting Procedures: Evacuate area and apply water from a safe distance. Spray water on the nearby peroxide containers to prevent overheating.
Unusual Fire and Explosion Hazards: Peroxides and decomposition products are flammable and can ignite with explosive force if confined.

SECTION V - REACTIVITY DATA

Stability: Unstable
Conditions Contributing to Instability: Thermal decomposition, contamination
Incompatibility (Materials to Avoid): Strong acids, strong alkalies, strong oxidizers, reducing agents, accelerators
Hazardous Decomposition Products: On decomposition, peroxides can produce flammable and toxic vapors.
Hazardous Polymerization: Will not occur
Conditions to Avoid: Ignition sources, temperatures above 140°F (60°C). Recommended maximum storage temperature: 104°F (40°C).
SECTION VI - SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Avoid skin contact. Absorb with sand or inert material. Remove saturated absorbent with non-sparking tools. Prevent spread of spill.

Waste Disposal Method: Dispose in accordance with Federal, State and Local regulations. Product is considered reactive under some regulations.

SECTION VII - HEALTH HAZARD DATA

Primary Route(s) of Entry:
- Eye Contact
- Skin Contact
- Inhalation

Carcinogenicity: None of the components of this material are listed as carcinogens by NTP, IARC or OSHA.

Effects of Overexposure:
- **Eyes:** Contact may cause severe eye damage.
- **Skin:** Skin contact may cause irritation and redness.
- **Inhalation:** Vapors are corrosive to nose, throat and lungs.
- **Ingestion:** Very corrosive; may be harmful or fatal.

Emergency and First Aid Procedures:
- **Eyes:** Immediately flush with water for at least 15 minutes. Contact lenses should be removed if the initial flush does not wash them out. Get medical attention. Immediate first aid is needed to prevent eye damage.
- **Skin:** Remove contaminated clothing immediately. Wash affected skin thoroughly with soap and water for at least 15 minutes. Seek medical attention if indicated. Launder clothing before reuse.
- **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Give oxygen if needed. Get medical attention if indicated.
- **Ingestion:** Do not induce vomiting. Rinse mouth with water. Get medical attention immediately.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:
NIOSH approved with organic vapor cartridges to reduce high contaminant concentrations in inhaled air. Respirator selection depends upon type and magnitude of exposure.

Ventilation: Sufficient in volume and pattern to prevent excessive accumulation of vapors

Eye Protection: Chemical splash goggles

Protective Gloves: Neoprene or nitrile rubber

Other Protective Equipment: Safety showers and eye wash stations should be available. Chemical resistant apron or coveralls may be needed.

Hygienic Practices: Wash hands with soap and water after every usage.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storage: Keep away from all sources of heat and ignition such as radiators, steam pipes and direct sunlight. Do not store near combustibles. Do not get in eyes, on skin or clothing. Do not breathe vapors. Keep containers closed. Empty containers may contain hazardous residues.
SECTION X - SUPPLEMENTAL INFORMATION

Regulatory Information:
VOC: No VOC
SARA Title III:
Dimethyl phthalate is listed as a SARA toxic chemical and is subject to the reporting requirements of section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA: All ingredients in this product are listed on the TSCA Inventory.
HMIS: Health - 2 Flammability - 2 Reactivity - 2

Prepared/Revised By: Safety/Environmental Services

Date: August 25, 1999

All statements, technical information, and recommendations contained herein are based upon available scientific tests or data which we believe to be reliable. Since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used, Bondo/Mar-Hyde makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.
SECTION I - PRODUCT IDENTIFICATION

Product Name: Silica Powder for Fiberglass Resin, Marine General Purpose Resin, Marine Laminating Resin, Boatyard Resin, General Purpose Resin
Chemical Family: Hydrophilic Silica

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% By Weight</th>
<th>Exposure Limits</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous Fumed Silica</td>
<td>99-100</td>
<td>None Listed</td>
<td>112945-52-5</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

Boiling Point: Not Applicable
Vapor Pressure: Not Applicable
Vapor Density (AIR=1): Not Applicable
Solubility in Water: Insoluble
Specific Gravity: 3.6-4.5
Percent Volatile By Wt.: 0
Evaporation Rate (Bu Ace=1): Not Applicable
Appearance/Odor: White, fluffy powder with no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Applicable
Flammable Limits: Not Applicable
Extinguishing Media: Use extinguishing media appropriate for surrounding fire conditions.
Special Fire Fighting Procedures: Evacuate area. If smoke and fumes cannot be avoided, use proximity suit and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Proper safety measures such as electrical grounding should be taken to prevent a static electrical charge when handling near flammable or explosive areas.

SECTION V - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): None - product is inert
Hazardous Decomposition Products: Can include carbon dioxide and carbon monoxide.
Hazardous Polymerization: Will not occur
SECTION VI - SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep or vacuum.
Waste Disposal Method: Dispose in accordance with Federal, State and Local regulations. Product is not a hazardous waste.

SECTION VII - HEALTH HAZARD DATA

Primary Route(s) of Entry:
- Eye Contact
- Skin Contact
- Inhalation

Carcinogenicity: None of the components of this material are listed as carcinogens by NTP, IARC or OSHA.

Effects of Overexposure:
- Eyes: May cause eye discomfort.
- Skin: May cause drying of the skin.
- Inhalation: May cause physical discomfort to the respiratory tract.
- Ingestion: Not expected to be toxic by ingestion.

Emergency and First Aid Procedures:
- Eyes: Flush eyes with water. Call a physician if discomfort persists.
- Skin: Wash skin with soap and water. Call a physician if drying persists.
- Inhalation: Remove to fresh air if discomfort occurs. If discomfort persists, contact a physician.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:
None likely necessary.
Ventilation: Sufficient in volume and pattern to prevent excessive accumulation of dust
Eye Protection: Safety glasses with sideshields recommended
Protective Gloves: General use chemical resistant gloves are recommended to protect skin from drying and irritation. Lotions and barrier creams also recommended.
Hygienic Practices: Wash hands with soap and water after every usage.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storage:

Store in a dry place to protect product from loss of performance. Avoid prolonged inhalation of dust. Take measures to prevent electrostatic charges when handling near flammable or explosive atmospheres.
SECTION X - SUPPLEMENTAL INFORMATION

Regulatory Information:
VOC: No VOC
SARA Title III: No ingredients listed.
TSCA: All ingredients in this product are listed on the TSCA Inventory.
HMIS: Health - 1 Flammability - 0 Reactivity - 0

Prepared/Revised By: Safety/Environmental Services
Date: August 25, 1999

All statements, technical information, and recommendations contained herein are based upon available scientific tests or data which we believe to be reliable. Since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used, Bondo/Mar-Hyde makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.