

| <b>Material Safety Data Sheet</b><br>May be used to Comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be Consulted for specific requirements                        |                                 | <b>HMIS</b>   |   |                                  |                    |
|---|---------------------------------|---|---|----------------------------------|--------------------|
| <b>HEALTH</b>   |                                 | <b>1</b>  | <b>REACTIVITY</b>   |                                  | <b>0</b>           |
| <b>FLAMMABILITY</b>   |                                 | <b>1</b>  | <b>CORROSIVE</b>  |                                  | <b>0</b>           |
| <b>Identity (As Used On Label and List)</b><br><b>B4159 Liquid Steel (Part A &amp; B)</b>   |                                 |   | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |                                  |                    |
| <b>Section I</b>  |                                 |   |   |                                  |                    |
| <b>Manufactured for:</b><br>OMEGA INDUSTRIAL SUPPLY, INC  |                                 |   | <b>Emergency Telephone Number:</b><br>1-800-424-9300  |                                  |                    |
| <b>Address (Number, Street, City, State, and Zip Code)</b><br>101 Grobric Ct #1<br>Fairfield, CA 94534  |                                 |   | <b>Telephone Number for Information:</b><br>1-800-571-7347  |                                  |                    |
|   |                                 |   | <b>Date Prepared</b><br>12-04-2008  |                                  |                    |
|   |                                 |   | <b>Signature of Prepare (Optional)</b><br>REGULATORY DEPT.  |                                  |                    |
| <b>Section II - Ingredients / Identity Information</b>  |                                 |   |   |                                  |                    |
| <b>Components</b><br>(Specific Chemical Identity, Common Name(s))   | <b>CAS No.</b>                  | <b>OSHA PEL</b>                                     | <b>ACGIH-TLV</b>  | <b>Other Limits Recommended.</b> | <b>%(Optional)</b> |
| This product is a two (2) part epoxy A and B system. The information for the following material, consist of two (2) packages.   |                                 |   |   |                                  |                    |
| <b>Part A:</b>  |                                 |   |   |                                  |                    |
| Bisphenol A/Dislycidyl Ether Resin  | 25068-38-6                      | —   | —   |                                  |                    |
| O-Cresyl Glycidyl Ether   | 26447-14-3                      | —   | —   |                                  |                    |
| <b>Part B:</b>  |                                 |   |   |                                  |                    |
| Tall Oil Fatty Acids  | 68910-93-0                      | —   | —   |                                  |                    |
| Tall Oil Fatty Acids  | 68919-79-9                      | —   | —   |                                  |                    |
| This product is subject to the reporting requirements of Section 313 of SARA Title III of 40 CFR 372.   |                                 |   |   |                                  |                    |
| Any substance listed as hazardous by the State of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations. |                                 |   |   |                                  |                    |
| <b>Section III - Physical Chemical Characteristics</b>  |                                 |   |   |                                  |                    |
| <b>Appearance and Odor Part A</b>   | Clear                           | <b>Specific Gravity (H<sub>2</sub>O = 1) Part A</b> |   | 1.17                             |                    |
| <b>Appearance and Odor Part B</b>   | White                           | <b>Specific Gravity (H<sub>2</sub>O = 1) Part B</b> |   | 1.04                             |                    |
| <b>Vapor Pressure @180°C</b>  | CA > 1mm h/g                    | <b>Decomposition</b>                                |   | 20°C                             |                    |
| <b>Vapor Density (Air=1)</b>  | N/D                             | <b>Evaporation Rate (Butyl Acetate = 1)</b>         |   | N/A                              |                    |
| <b>Solubility in Water</b>  | NIL                             | <b>pH</b>   |   | —                                |                    |
| <b>Boiling Point</b>  | >200°C                          | <b>VOC (grams per liter)</b>                        |   | 0                                |                    |
| <b>Section IV – Fire and Explosion Hazard Data</b>  |                                 |   |   |                                  |                    |
| <b>USA Flame Projection Test (ASTM D-3065)</b>  | <b>Flash Point Part A (TCC)</b> | <b>Flash Point Part B (TCC)</b>                     | <b>LEL</b>  | <b>UEL</b>                       |                    |
| Flammable   | 490                             | 165   | N/A   | N/A                              |                    |
| <b>Extinguishing Media</b> – Foam, dry chemical, carbon dioxide.  |                                 |   |   |                                  |                    |
| <b>Fire Fighting Procedures</b> –At elevated temperatures (above 120°F) containers may vent, rupture, or burst.   |                                 |   |   |                                  |                    |
| <b>Fire and Explosion Hazards</b> – Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, venting containers.                                 |                                 |   |   |                                  |                    |

| <b>Section V – Reactivity Data</b> |                 |                             |                  |  |  |
|------------------------------------|-----------------|-----------------------------|------------------|--|--|
| <b>Stability</b>                   | <b>Unstable</b> | <b>Conditions to Avoid:</b> | <b>Hazardous</b> |  |  |

|        |   |                |                |                |   |
|--------|---|----------------|----------------|----------------|---|
|        |   | Heat and flame | Polymerization | May Occur      |   |
| Stable | X |                |                | Will Not Occur | X |

**Incompatibility (Materials to Avoid)** – Strong oxidizing agents.

**Hazardous Decomposition or Byproducts** –Sulfur dioxide, hydrogen sulfide, nitrous oxides and ammoniacal vapors.

## Section VI – Health Hazard Data

| Route(s) of Entry: | Eyes? | Inhalation? | Skin? | Ingestion? |
|--------------------|-------|-------------|-------|------------|
|                    | Yes   | Yes         | Yes   | Yes        |

### Health Hazards -Note

*This material will not be sold for use in products for which prolonged contact with membranes or abraded skin, or implantation within human body is specifically intended. Because of the wide range of such potential uses, we are not able to recommend this material as safe and effective for such uses and assume no liability.*

| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
|------------------|------|------------------|-----------------|
|                  | N/A  | N/A              | N/A             |

### Signs and symptoms of Exposure:

*Eyes*—Irritation.

*Skin*— See “Eyes”

**Medical Conditions Generally Aggravated** –None Known

### Emergency and First Aid Procedures.

*Eyes*—Flush with water for at least 15 minutes.

*Skin*— Wash with soap and water.

*Ingestion*—Call a physician. Do not induce vomiting.

*Inhalation*—Remove to fresh air. See a physician if irritation persist.

## Section VII – Precautions For Safe Handling and Use

### Steps to be Taken in Case Material is Released or Spilled.

Pick up free material for recycle/disposal.

**Waste Disposal Method** –Disposal should be in compliance with federal, state and local regulations.

### Precautions to be Taken in Handling and Storing –

Store in a cool, dry well-ventilated place away from incompatible materials. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Store in original containers only at temperatures below 85°F. Do not store near acids, oxidizable materials, organic..

**Other Precautions** –Containers, even those that have been emptied; will retain product residue and vapors. Always obey hazard warning and handle empty containers as if they were full. Do not mix this product with other cleaning agents. It is a violation of federal law to use this product in a manner inconsistent with its labeling. KEEP OUT OF REACH OF CHILDREN.

## Section VIII – Control Measures

### Respiratory Protection (Specify Type) –

When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.

| Ventilation | Local Exhaust        | Adequate                    | Special | Not necessary |
|-------------|----------------------|-----------------------------|---------|---------------|
|             | Mechanical (General) | Only if above is inadequate | Other   | Not necessary |

### Protective Gloves –

Neoprene or nitrile rubber gloves recommended.

### Eye Protection –

Safety glasses.

**Other protective Clothing or Equipment** – None

**Work/Hygienic Practices** – Observe good hygiene. Wash hands thoroughly after eating, drinking, and using restrooms, etc.

While the information and recommendations set forth herein are believed to be accurate as of the date hereon Omega Industrial Supply Inc. makes no warranty with the respect thereto and disclaims all liability from reliance thereon.