SECTION 1: Identification of substance/mixture and of the company/undertaking

1.1 GHS Product identifier
Cured Thermoset Resin Composite Products. Fiberglass Reinforced

1.2 Other means of identification
Fiberglass Reinforced Polymer Molded Parts.
MB1000-PC, MB1000-10, MB1000-15, MB1000-20, MB1000-25
MB3000-15, MB3000-25, MB3000-15NY, MB3000-20NY
MB4000, MB5500, MB6000**, MB9000-5, MB10000-45 (3-87-5)

1.3 Recommended use of the chemical and restrictions on use
Fiberglass Reinforced Polymer Molded Parts

1.4 Supplier's details
Mar-Bal Inc.
16930 Munn Road
Chagrin Fall, OH 44023 USA
Phone: (440) 543-7526
Fax: (440) 543-4374

Mar-Bal Inc.
101 Commerce Dr.
Cuba, MO 65453 USA
Phone: (573) 885-4064
Fax: (573) 885-4555

Mar-Bal Inc.
5400 Reserve Way
Dublin, VA 24084 USA
Phone: (540) 674-5320
Fax: (540) 674-5328

1.5 Emergency phone number
Phone: (440) 543-7526 7:00am-6:00pm (Eastern Standard Time, UTC-05:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixtures
These products are produced as a manufactured “articles” and do not represent a hazard under normal use as defined by 29CFR1910.1200(c). The manufactured article other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

Caution: In the event this article is drilled, sanded, ground, or cut, dust may be generated. Exposure to the dust may irritate the skin, eyes, nose, throat or upper respiratory tract.

Skin corrosion/irritation, Category 2, H315
Serious eye damage/eye irritation, Category 2B, H320
STOT-Single exposure, Category 3, H335

2.2 GHS label elements, including precautionary statements
Hazard Pictograms


SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cured Thermoset Polymeric Mixture</td>
<td>NA</td>
<td>55-95</td>
</tr>
<tr>
<td>Fiberous Glass</td>
<td>65997-17-3</td>
<td>5-45</td>
</tr>
</tbody>
</table>

* The exact percent will vary by product.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General Information: In case of accident or if you feel unwell seek medical advice (show label or SDS where possible)

After inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

After contact with skin: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After swallowing: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms/effects, acute and delayed

After contact with skin: Causes skin irritation

After contact with the eyes: Causes eye irritation
4.3 **Indication of immediate medical attention and special treatment needed, if necessary**
If decomposition products are inhaled in a fire, symptoms may be delayed. The person exposed to fumes or decomposition products may need to be kept under medical surveillance.

**SECTION 5: Fire-fighting measures**

5.1 **Suitable extinguishing media**
- **Suitable media:** Dry powder. Carbon dioxide. Water spray. Product is not flammable; use extinguishing agent appropriate for surrounding fire.
- **Unsuitable media:** Do not use a heavy water stream.

5.2 **Specific hazards arising from the chemical**
- **Combustion products:** Carbon monoxide, carbon dioxide, smoke.

5.3 **Special protective actions for fire-fighters**
- **Fire-fighting:** Use water spray or fog for cooling exposed containers. Use water to cool fire exposed containers.
- **Protection:** Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

6.1 **Personal precautions, protective equipment and emergency procedures.**
Molded articles do not represent a spill hazard. Avoid actions that cause dust to be generated from articles from becoming airborne. Avoid inhalation of dust. Wear appropriate protective equipment as described in Section 8.

6.2 **Environmental precautions**
Molded articles do not represent a spill hazard.

6.3 **Methods and materials for containment and cleaning up**
On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

**SECTION 7: Handling and storage**

7.1 **Precautions for safe handling**
- **Safe handling:** Wash hands and other exposed area with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
- **General hygiene:** Wash hands and other exposed areas thoroughly after handling.

7.2 **Conditions for safe storage, including any incompatibilities**
- **Storage conditions:** Long term sunlight exposure may affect product appearance. Avoid sources of ignition.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cured Thermoset Polymeric Mixture</td>
<td>TWA 15 mg/m³ (total)</td>
<td>TWA 10 mg/m³ (inhaleable)</td>
</tr>
<tr>
<td></td>
<td>TWA 5 mg/m³ (resp)</td>
<td>TWA 3 mg/m³ (resp)</td>
</tr>
<tr>
<td>Fiberous glass (65997-17-3)</td>
<td>TWA 15 mg/m³ (total)</td>
<td>TWA 5 mg/m³ (inhaleable)</td>
</tr>
<tr>
<td></td>
<td>TWA 5 mg/m³ (resp)</td>
<td>TWA 1 fiber/cm³ (respirable)</td>
</tr>
</tbody>
</table>

8.2 Appropriate engineering controls

Use with adequate ventilation and utilize personal protection equipment (PPE) if exposure limits are exceeded.

8.3 Individual protection measures, such as personal protective equipment (PPE)

<table>
<thead>
<tr>
<th>Personal protective equipment:</th>
<th>Avoid all unnecessary exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand protection:</td>
<td>Wear Protective gloves.</td>
</tr>
<tr>
<td>Eye protection:</td>
<td>Safety glasses.</td>
</tr>
<tr>
<td>Skin and body protection:</td>
<td>Not typically required.</td>
</tr>
<tr>
<td>Respiratory protection:</td>
<td>Not typically required.</td>
</tr>
<tr>
<td>Other information:</td>
<td>Do not eat, drink or smoke during use.</td>
</tr>
</tbody>
</table>

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state:</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Varies by product</td>
</tr>
<tr>
<td>Color:</td>
<td>Various colors</td>
</tr>
<tr>
<td>Odor:</td>
<td>No odor</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>No data available</td>
</tr>
<tr>
<td>pH:</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1):</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits:</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20°C:</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density:</td>
<td>1.7 – 2.2</td>
</tr>
<tr>
<td>Solubility:</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water. Log Kow:</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No data available</td>
</tr>
</tbody>
</table>
SECTION 10: Stability and reactivity

10.1 Reactivity
Not reactive under normal handling and storage conditions.

10.2 Chemical stability
Is stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions
None under normal handling and storage conditions.

10.4 Conditions to avoid
Direct sunlight. Storage at high temperatures or exposure to open flames.

10.5 Incompatible materials
Strong oxidizing and reducing agents and strong acids and alkalis.

10.6 Hazardous decomposition products
Carbon dioxide, carbon monoxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity: Data is not available
Skin corrosion/irritation: Dust may cause skin irritation.
Serious eye damage/Irritation: Dust contact may cause eye irritation.
Respiratory or skin sensitization: Data is not available
Germ cell mutagenicity: Data is not available
Carcinogenicity: Data is not available
Reproductive toxicity: Data is not available
STOT-Single exposure: Dust may cause respiratory irritation
STOT-Repeated exposure: Data is not available
Aspiration hazard: Data is not available

11.7 Information on the likely routes of exposure
Inhalation, Skin and eye contact.

SECTION 12: Ecological information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available
SECTION 13: Disposal considerations

13.1 Disposal methods
Waste disposal recommendations: Dispose in a safe manner in accordance with local, state and federal regulations.

SECTION 14: Transport information

United State Department of Transportation – Not regulated
Canadian Transportation of Dangerous Goods – Not regulated
ICAO/IATA – Not regulated
IMO/IMDG – Not regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question
United States EPA Toxic Substances Control Act of 1976
All components of this material are listed on the US Toxic Substances Control Act (TSCA) inventory.

CERCLA, SARA Title III, EPCRA 302. Emergency Response Planning
Components not on reporting list.

CERCLA, SARA Title III, EPCRA 311/312. Hazard category
Acute health hazard, chronic health hazard.

CERCLA, SARA Title III, EPCRA 313. Toxic Chemical List.
Components not on reporting list.

OSHA

State of California Proposition 65
Components not on list of chemicals known to the State of California to cause cancer or reproductive toxicity.

Canadian Environmental Protection Act. Domestic Substances List
Components not on reporting list.

EEC inventory EINECS(European INventory of Existing Commercial Chemical Substances)
Components not on reporting list.

SECTION 16: Other information

<table>
<thead>
<tr>
<th>HMIS Rating</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>1</td>
</tr>
<tr>
<td>Fire Hazard:</td>
<td>1</td>
</tr>
</tbody>
</table>

EN (English US)
Safety Data Sheet
Material: Cured Thermoset Resin Composite Products
Version: GHS 1.4
Date of issue: 1/01/2016

| Reactivity: | 0 |
| Personal Protection: | B |
| Reactivity: | 0 |
| Special: | NA |

16.1 Disclaimer
The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS