# Safety Data Sheet

## Section 1 - Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>Telephone Number for Information &amp; Preparer's Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass Reinforced Thermoset Polyester</td>
<td>814-868-3691 x235</td>
</tr>
<tr>
<td>Molding Shells</td>
<td>Emergency Telephone Number</td>
</tr>
<tr>
<td>Manufacturer's Name</td>
<td>814-868-3691 x235</td>
</tr>
<tr>
<td>Haysite Reinforced Plastics, LLC</td>
<td></td>
</tr>
<tr>
<td>Address (Number, Street, City, State &amp; Zip Code)</td>
<td>Date Prepared</td>
</tr>
<tr>
<td>5599 New Perry Highway</td>
<td>4/22/2015</td>
</tr>
<tr>
<td>Erie, PA 16509</td>
<td>4/22/2015</td>
</tr>
</tbody>
</table>

Recommended Use: Restrictions on use

Various applications: Not established.

## Section 2 - Hazards Identification

<table>
<thead>
<tr>
<th>GHS Information</th>
<th>Not classified as a hazardous substance.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Statement (USA)</td>
<td>Not classified as a hazardous substance.</td>
</tr>
<tr>
<td>Hazard Statement (EU)</td>
<td>Not classified as a hazardous substance.</td>
</tr>
<tr>
<td>Signal Word</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Hazard Pictogram</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Other Labeling Requirements</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

## Section 3 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert or Nuisance Dust</td>
<td>TWA: 15.0 mg/m³ (total dust)</td>
<td>TWA: 5.0 mg/m³ (inhalable fraction)</td>
</tr>
<tr>
<td></td>
<td>TWA: 5.0 mg/m³ (respirable fraction)</td>
<td>TWA: 1 fiber/cm³ (respirable fraction)</td>
</tr>
</tbody>
</table>

Other Limits Recommended: None

## Section 4 - First-Aid Measures

<table>
<thead>
<tr>
<th>Skin</th>
<th>Nuisance dust may cause itching or irritation. If there is skin irritation from dust, remove contaminated clothing and wash skin with soap and water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>Nuisance dust may cause itching, irritation or redness. If there is eye irritation from dust, flush eye(s) with running water or saline for 15 minutes. Ensure adequate flushing by separating eyelids with fingers. If irritation persists or adverse symptoms develop, seek medical attention.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Ingestion is highly unlikely. If large amount of dust is swallowed, seek medical attention.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Nuisance dust may cause irritation. Remove to fresh air. If coughing, breathing becomes labored, irritation develops or other symptoms develop, seek medical attention.</td>
</tr>
</tbody>
</table>

## Section 5 - Fire-Fighting Measures

<table>
<thead>
<tr>
<th>Extinguishing Media</th>
<th>Water, Carbon Dioxide, Dry Chemical, Chemical Foam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>None. May be self-extinguishing.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>Fire fighters should wear appropriate respiratory personal protective equipment (PPE). Machining and fabrication operations may create combustible dust hazards.</td>
</tr>
<tr>
<td>Hazardous Decomposition or Byproducts</td>
<td>Thermal decomposition may produce CO or CO₂.</td>
</tr>
</tbody>
</table>

## Section 6 - Accidental Release Measures

Steps to be taken in event of a spill or release: Not applicable.
Section 7 - Handling and Storage

Handling  
No special requirements.

Storage  
No special requirements.

Other precautions  
Do not allow to come into contact with open flame.

Section 8 - Exposure Controls / Personal Protection

Exposure Limits  
None with normal use. Dust produced during fabricating or machining of the product should be controlled according to OSHA standards as stated below:

<table>
<thead>
<tr>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Recommended Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA: 15.0 mg/m³ (total dust)</td>
<td>TWA: 5.0 mg/m³ (respirable fraction)</td>
<td>TWA: 1 fiber/cm³ (respirable fraction)</td>
</tr>
</tbody>
</table>

Health Hazards  
None with normal use. Dust from machining and fabrication may cause slight, short-term nasal and upper respiratory tract irritation. Contact with dust generated from machining may cause skin irritation.

Engineering Controls  
A dust collection system should be used during any fabricating or machining activities to limit exposure to nuisance dust. Sufficient mechanical ventilation should also be provided to limit exposure levels.

Respiratory Protection  
Use dust mask if machining dust is present and not adequately handled by local exhaust/ventilation.

Eye Protection  
Safety goggles recommended to protect from flying particles during machining.

Skin Protection  
Protective gloves and long sleeves recommended. Glass fiber dust is a contact irritant and exposed skin may require protection.

Section 9 - Physical and Chemical Properties

Appearance and Odor  
Solid flat sheet of various colors. Possible slight sweet odor.

Odor Threshold  
Not established.

pH  
Not established.

Melting Point / Freezing Point  
250°C / Not applicable

Initial Boiling Point and Range  
Not applicable.

Flash Point  
Not applicable.

Evaporation Rate  
Not applicable. (Butyl Acetate = 1)

Flammability (solid)  
Not applicable.

Upper/Lower Explosive Limits  
Not applicable.

Vapor Pressure (mm Hg)  
Not applicable.

Vapor Density (AIR = 1)  
Not applicable.

Specific Gravity (H₂O = 1)  
1.8

Solubility in Water  
Not soluble.

Partition Coefficient: n-octanol/water  
Not established.

Auto-Ignition Temperature  
Not established.

Decomposition Temperature  
Not established.

Viscosity  
Not applicable.

Section 10 - Stability and Reactivity

Reactivity  
No further information available.

Chemical Stability  
Stable under ordinary conditions or use and storage.

Possibility of Hazardous Reactions  
No further information available.

Conditions to avoid  
Material as supplied is not explosive. Avoid suspending dust in the air during machining. Ground all equipment to avoid static discharge. Suspended dust may be combustible.

Incompatible Materials  
None

Hazardous Decomposition Products  
None when stored and handled as instructed and used as intended.

Section 11 - Toxicological Information

Exposure  
Eyes  
Not toxic. Possible irritation to eyes from dust produced during machining.

Skin  
Not toxic. Possible skin irritation from dust produced during machining.

Respiratory Tract  
Not toxic. Possible respiratory irritation from dust produced during machining.

*No delayed, immediate or chronic effects from short and long term exposure.

Section 12 - Ecological Information

Ecotoxicity  
No data available.

Persistence and Degradability  
No data available.

Bioaccumulative Potential  
No data available.

Potential movement from soil to groundwater  
No data available.

Other adverse effects  
No data available.

Section 13 - Disposal Considerations

Waste Disposal Method:  
(Non-hazardous waste)  
Disposal must be made in accordance with Federal, State and Local regulations.
Section 14 - Transport Information

US DOT: Non-hazardous material.
UN Number: Not applicable.
Proper Shipping Name: Not applicable.
Hazard Class: Not applicable.
Packing Group: Not applicable.

IATA: Non-hazardous material.
UN Number: Not applicable.
Proper Shipping Name: Not applicable.
Hazard Class: Not applicable.
Packing Group: Not applicable.

IMDG: Non-hazardous material.
UN Number: Not applicable.
Proper Shipping Name: Not applicable.
Hazard Class: Not applicable.
Packing Group: Not applicable.

Environmental Hazards: Not established.
NMFC Classification:

Section 15 - Regulatory Information

The following chemicals are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Percent</th>
<th>Reportable Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Section 16 - Other Information

HMIS Rating

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Normal Use

During fabrication, this process may generate respirable nuisance dust. The TLV/PEL is 5 mg/m³. (Reference: OSHA Standard 29 CFR Part 1910, Subpart Z)

Special Protection Information

3. Protective Gloves: Recommended.
4. Eye Protection: Goggles/Face Shield recommended.
5. Other Protective Equipment: Wear long-sleeved, loose-fitting clothes when machining or handling in a manner that liberates loose dust.

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Revision Date: 4/22/2015

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