

# Haysite Reinforced Plastics

An Alco Industries Company

5599 New Perry Highway

Erie, Pennsylvania 16509

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## Material Safety Data Sheet

### IDENTITY (As used on label and list)

Glass Reinforced Thermoset Polyester

Molded Sheets and Shapes

### SECTION I

<b>Manufacturer's Name</b>	<b>Emergency Telephone Number</b>		
Haysite Reinforced Plastics - An Alco Industries Company	814-868-3691		
<b>Address (Number, Street, City, State &amp; Zip Code)</b>	<b>Telephone Number for Information</b>		
5599 New Perry Highway Erie, PA 16509	814-868-3691		
	<b>Date Prepared</b>		
	11/27/85, Rev. 5/2/94		
	<b>Reviewed By</b>	<b>Date Reviewed</b>	
J Light, Production Readiness Mgr	January 18, 2010		

### SECTION II Hazardous Ingredients/Identity Information

Hazardous Components - Specific Chemical Identity: Common Name(s)	OSHA	PEL	ACGIH	TLV	Other Limits Recommended	% Conc.
N/A - This product is composed of cured polyester resin on a glass substrate.						
TLV has not been established by ACGIH						

### SECTION III - Physical/Chemical Characteristics

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.8
<b>Vapor Pressure (mm HG)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A
<b>Solubility in water</b>	None		
<b>Appearance and Odor</b>	Solid flat sheet of various colors. Possible slight sweet odor.		

### Section IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b>	N/A	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
			N/A	N/A
<b>Extinguishing Media</b>	Water preferred, may use foam.			
<b>Special Fire-Fighting Procedures:</b>	None. May be self-extinguishing			
<b>Unusual Fire and Explosion Hazards:</b>	None.			
<b>Hazardous Decomposition or Byproducts:</b>	Thermal decomposition may produce CO or CO <sub>2</sub> .			

Section V - Reactivity Data				
Stability	Unstable		Conditions to avoid:	None
	Stable	X		
Incompatibility (Materials to avoid)			None	
Hazardous Polymerization	May Occur		Conditions to avoid:	None
	Will Not Occur	X		

Section VI - Health Hazard Data			
Route(s) of entry:	Inhalation?	Skin?	Ingestion?
	N/A	N/A	Not Known
Health Hazards (Acute and chronic)			
None known			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated
N/A	N/A	N/A	N/A
Signs and Symptoms of Exposure			
None. May develop skin itching from dust if material is fabricated.			
Medical Conditions Generally Aggravated by Exposure			
None			
Emergency and First Aid Procedures			
Symptomatic.			

Section VII - Precautions for Safe Handling and Use
Steps to be taken in case material is released or spilled:
N/A
Waste Disposal Method:
Disposal must be made in accordance with Federal, State and Local laws.
Precautions to be taken in handling and storing:
No special requirements
Other Precautions:
N/A

Section VIII - Control Measures				
Respiratory Protection (Specify Type)		Use dust mask if machining dust is present and not adequately handled by local exhaust/ventilation.		
Ventilation	Local Exhaust	When Machining	Special	N/A
	Mechanical (General)	When Machining	Other	N/A
Protective Gloves:	Not essential; may be desirable protection from abrasion.		Eye Protection:	Protect eyes from flying particles when machining.
Other Protective Clothing or Equipment:		Glass fiber dust is a contact irritant and exposed skin may require protection.		
Work/Hygenic Practices:		Normal good practices are sufficient.		

#### Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29CFR1910.1200. Standard must be consulted for specific requirement.

#### IMPORTANT!!

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, IS MADE REGARDING PERFORMANCE, STABILITY, OR OTHERWISE. This information is not intended to be all-inclusive as to the manner and conditions of use, handling and storage. Other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe-handling and use procedures, safe-handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patents or to violate any Federal, State or Local laws.

#### Additional Material Safety Data Sheet Information

**NOTICE**

The Fabrication (Drilling, Sanding, Milling, Etc.) of Fiberglass Reinforced Polyester Molded Sheets and Shapes.

The American Conference of Governmental Industrial Hygienists (ACGIH) has established threshold limit values (TLV) of 5.0 milligrams per cubic meter mg/m for workers' exposure to nuisance dust. Threshold limit values refer to airborne concentrations of substances and represent conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse health effects. (Reference: OSHA Standards 29CFR Part 1910, Subpart Z)

**Normal Use**

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

**Special Protection Information**

1	Respiratory Protection	Avoid breathing dust. Use a dust respirator in compliance with OSHA Standard currently 29CFR1910.134.
2	Ventilation Protection	Local exhaust - Follow OSHA Standard 29CFR1910.94.
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.