

# Haysite Reinforced Plastics, LLC

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## Safety Data Sheet

Section 1 - Identification		
<b>Product Identifier</b> Glass Reinforced Thermoset Polyester Sheet Molding Compound (SMC)	<b>Telephone Number for Information &amp; Preparer's Number</b> 814-868-3691 x236	
<b>Manufacturer's Name</b> Haysite Reinforced Plastics, LLC	<b>Emergency Telephone Number</b> 814-868-3691 x236	
<b>Address (Number, Street, City, State &amp; Zip Code)</b> 5599 New Perry Highway Erie, PA 16509	<b>Date Prepared</b>	<b>Revision Date</b>
	4/22/2015	4/22/2015
<b>Recommended Use</b> Raw material*	<b>Restrictions on use</b> Not established.	
*The "Recommended Use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied.		

Section 2 - Hazard(s) Identification
<b>Classification:</b> No need for classification according to GHS criteria for this product.
<b>Label elements:</b> This product does not require a hazard warning label in accordance with GHS criteria.
<b>Hazards not otherwise classified:</b> No specific dangers known if the storage and handling procedures are followed.
<b>Emergency overview:</b> No particular hazards know.

Section 3 - Composition / Information on Ingredients					
Hazardous Components - Specific Chemical Identity - Common Name(s)	CAS Number	% Composition	OSHA PEL	ACGIH TLV	Other Limits Recommended
Styrene	100-42-5	< 15	100 ppm	20 ppm	200 ppm ceiling; 600 ppm 5-minute maximum peak
Vinyl Toluene	25013-15-4	< 15	100 ppm	50 ppm	100 ppm STEL
Organic Peroxide		< 2	Not available	Not available	Not applicable

Section 4 - First-Aid Measures	
<b>Skin</b>	If there is skin irritation, wash skin with soap and water.
<b>Eyes</b>	Vapors may cause itching, irritation or redness. If compound gets into eyes, 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.
<b>Ingestion</b>	Ingestion is highly unlikely. If large is swallowed, seek medical attention.
<b>Inhalation</b>	Remove to fresh air. If coughing, breathing becomes labored, irritation develops or other symptoms develop, seek medical attention.

Section 5 - Fire-Fighting Measures	
<b>Extinguishing Media</b>	Water, Carbon Dioxide, Dry Chemical, Chemical Foam.
<b>Special Fire Fighting Procedures</b>	Fire-fighters should wear proper PPE. Use self-contained breathing apparatus in confined spaces.
<b>Unusual Fire and Explosion Hazards</b>	None.
<b>Further Information</b>	Contaminated extinguishing water should be disposed of in accordance with official regulations.

Section 6 - Accidental Release Measures	
Steps to be taken in event of a spill or release	Sweep up and place in disposal container. Wear appropriate PPE.

Section 7 - Handling and Storage	
Handling	Wear appropriate PPE. Avoid contact with eyes and skin. Avoid breathing vapors. Take precautionary measures to prevent static discharges.
Storage	Store between 0 - 30 °C. These compounds are packaged in special wrap, impermeable to styrene. Do not puncture bag. Close bag tightly after partial use.
Other precautions	Do not allow to come into contact with open flame. Do not allow to come in contact with surface water or ground water.

Section 8 - Exposure Controls / Personal Protection				
		OSHA PEL	ACGIH TLV	Other Recommended Limits
Exposure Controls	Styrene	TWA: 100 ppm Ceiling: 200 ppm	TWA: 20 ppm	IDLH: 700 ppm
	Vinyl Toluene	TWA: 100 ppm	TWA: 50 ppm	IDLH: 400 ppm
Engineering Controls	Engineering controls are not usually necessary if good hygiene practiced are followed. Follow guidelines set forth in Section 7 - Handling and Storage.			
General Safety and Hygiene	No eating, drinking, smoking or tobacco use while using compound. Handle in accordance with good industrial hygiene and safety practices.			
Personal Protective Equipment:				
Respiratory Protection	Wear respirator in case of vapor/aerosol release.			
Eye Protection	Safety glasses with side-shields.			
Skin Protection	Skin protection must be chosen depending on activity and possible exposure. E.g. apron, long sleeves, gloves, closed-toe leather boots, chemical-protectant suit.			

Section 9 - Physical and Chemical Properties			
Appearance and Odor	A fibrous, slightly tacky solid of various colors. Characteristic odor of styrene. Possible slight sweet odor.		
Odor Threshold	Not established.	Vapor Pressure (mm HG)	Not established.
pH	Not established.	Vapor Density (AIR = 1)	Not established.
Melting Point / Freezing Point	Not established.	Specific Gravity (H <sub>2</sub> O = 1)	1.8
Initial Boiling Point and Range	Not established.	Solubility in Water	Not soluble.
Flash Point	Not established.	Partition Coefficient: n-octanol/water	Not established.
Evaporation Rate	Not established.	Auto-ignition Temperature	Not established.
Flammability (solid)	Not established.	Decomposition Temperature	Not established.
Upper/Lower Explosive Limits	Not established.	Viscosity	Not applicable.

Section 10 - Stability and Reactivity	
Reactivity	No reactivity if stored and handled as prescribed/indicated.
Chemical Stability	This product is stable if stored and handled as prescribed/indicated.
Possibility of Hazardous Reactions	No hazardous reactions when stored and handled as prescribed/indicated. The product is chemically stable.
Conditions to avoid	Material as supplied is not explosive. Ground all equipment to avoid static discharge. See Section 7.
Incompatible Materials	Not established.
Hazardous Decomposition Products	None when stored and handled as instructed and used as intended.

Section 11 - Toxicological Information	
Exposure Routes	Routes of entry for solids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
Acute Toxicity	Virtually non-toxic after single ingestion. Oral: Type of value: LD50; Species: Rat; Value: > 5,000 mg/kg Dermal: Type of value: LD50; Value: > 5,000 mg/kg Inhalation: Type of value: LD50; Species: Rat; Value: 11.8 mg/L; Exposure time: 4 hrs, vapor May cause skin irritation. May cause eye irritation. Does not cause skin sensitization.
Chronic Toxicity	Genetic toxicity: Assessment of mutagenicity: No data available concerning mutagenetic effects. Carcinogenicity: Assessment of carcinogenicity: No data available concerning carcinogenic effects. Reproductive toxicity: Assessment of reproductive toxicity: No data available concerning damage to reproductive organs.
Note: Based on the available information, there is no specific target organ toxicity to be expected after a single exposure. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.	

Section 12 - Ecological Information	
<b>Aquatic Toxicity</b>	Toxicity to fish: LC50 (96 h) > 100 mg/L
<b>Microorganisms</b>	Toxicity to microorganisms: EC50 (3 h) > 100 mg/L
<b>Bioaccumulative Potential</b>	Significant accumulation in organisms is not to be expected.
<b>Potential movement from soil to groundwater</b>	No data available.
<b>Other adverse effects</b>	No data available.

Section 13 - Disposal Considerations	
<b>Waste Disposal Method:</b>	Disposal must be made in accordance with Federal, State and Local regulations.

Section 14 - Transport Information					
<b>US DOT (Land)</b>	Not classified as a dangerous good under transport regulations.	<b>IATA (Air)</b>	Not classified as a dangerous good under transport regulations.	<b>IMDG (Sea)</b>	Not classified as a dangerous good under transport regulations.
<b>UN Number</b>	N/A	<b>UN Number</b>	N/A	<b>UN Number</b>	N/A
<b>Proper Shipping Name</b>	N/A	<b>Proper Shipping Name</b>	N/A	<b>Proper Shipping Name</b>	N/A
<b>Hazard Class</b>	N/A	<b>Hazard Class</b>	N/A	<b>Hazard Class</b>	N/A
<b>Packing Group</b>	N/A	<b>Packing Group</b>	N/A	<b>Packing Group</b>	N/A
<b>Environmental Hazards:</b> Prevent product from coming in contact with surface water or ground water.					

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.			
<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent</u>	<u>Other information</u>
Styrene	100-42-5	< 15	None
<b>HMIS Rating</b>			
<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>	
1	1	0	

Section 16 - Other Information	

Date Prepared	Revision Date
4/22/2015	4/22/2015

**DISCLAIMER OF LIABILITY**

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