Haysite Reinforced Plastics, LLC

5599 New Perry Highway
Erie, Pennsylvania 16509
Phone: (814) 868-3691
Fax: (814) 864-7803

Prepared to U.S. OSHA and ANSI Standards.

Material Safety Data Sheet

IDENTITY (As used on label and list)

H261 Molded Sheets (Glass Reinforced Thermoset Polyester)

SECTION I - Identification

Manufacturer's Name	**Emergency Telephone Number**	
Haysite Reinforced Plastics, LLC	814-868-3691	
Address (Number, Street, City, State & Zip Code)	**Telephone Number for Information**	
5599 New Perry Highway	814-868-3691 x236	
Erie, PA 16509	**Date Prepared / Latest Revision**	
	Prepared 6/16/2008; Revised 11/20/14	
	Reviewed By	**Date Reviewed**
	J. Feighner - Safety & Env. Compliance	11/20/2014

SECTION II - Hazards Identification

Glass reinforced thermoset polyester is considered an "article" as defined in the OSHA Hazard Communication standard in 29 CFR 1910.1200 (c) and is not considered hazardous under normal use. Dust produced during fabricating or machining the product should be controlled according to OSHA standards as stated below:

Hazardous Components - Specific Chemical Identity: Common Name(s)	**OSHA PEL**	**ACGIH TLV**	**Other Limits Recommended**	**% Conc.**
Carbon Black (CAS#1333-86-4) - Product contains Carbon Black which has been identified as a potential carcinogen.	TWA: 3.5 mg/m3 (total dust) TWA: 5.0 mg/m3 (respirable fraction)	TWA: 3.5 mg/m3 (total dust) TWA: 5.0 mg/m3 (respirable fraction)	N/A	<0.71
Electrically Conductive Dust - The products dust is electrically conductive. Prevent dust from settling on unsealed electrical equipment because arcing and shorting may occur. Fabricating, machining, etc. may produce dust, which should be controlled subject to the OSHA standards for particulate exposure.	TWA: 15.0 mg/m3 (total dust) TWA: 5.0 mg/m3 (respirable fraction)	TWA: 5.0 mg/m3 (inhalable fraction) TWA: 1 fiber/cm3 (respirable fraction)	N/A	

SECTION III - Physical/Chemical Characteristics

Boiling Point	N/A	**Specific Gravity (H_20 = 1)**	1.8
Vapor Pressure (mm HG)	N/A	**Melting Point**	N/A
Vapor Density (AIR = 1)	N/A	**Evaporation Rate (Butyl Acetate = 1)**	N/A
Solubility in Water	None		
Appearance and Odor	Solid flat sheet of various colors. Possible slight sweet odor.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	**Flammable Limits**	**LEL**	**UEL**
		N/A	N/A	N/A
Extinguishing Media	Water preferred, Foam may be used. May be self-extinuishing.			
Special Fire-Fighting Procedures:	Firefighters should wear the appropriate respiratory PPE such as a self-containing breathing apparatus. Machining and fabrication operations may create combustible dust hazards.			

Unusual Fire and Explosion Hazards:	None
Hazardous Decomposition or Byproducts:	Thermal decomposition may produce CO or CO_2.

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?**
	Yes	No	Not Known

Health Hazards (Acute and chronic)

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.

Carcinogenicity	**NTP?**	**IARC Monographs?**	**OSHA Regulated**
N/A	N/A	N/A	N/A

Signs and Symptoms of Exposure

May develop nasal, upper respiratory tract, and skin irritation from dust if material is fabricated.

Medical Conditions Generally Aggravated by Exposure

None

Emergency and First Aid Procedures

Symptomatic. If inhaling dust causes irritation, move to fresh air. If there is skin irritation, remove contaminated clothing and wash skin with soap and water.

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 and from machining dust.		**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 29 CFR 1910.1200. 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 29 CFR 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 29 CFR Part 1910, Subpart Z)

Special Protection Information

1	Respiratory Protection	Avoid breathing dust. Use a dust respirator in compliance with OSHA Standard currently 29 CFR 1910.134.
2	Ventilation Protection	Local exhaust. Follow OSHA Standard 29 CFR 1910.94.
3	Protective Gloves	Recommended.
4	Eye Protection	Goggles/Face Shield recommended.
5	Other Protective Equipment	Wear long-sleeved clothes when machining or handling in a manner that liberates loose dust.