



Safety Data Sheet – 16 Sections

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	Fiberglass Reinforced Plastics (FRP / GFRP)			[WHMIS Classification]	None
Product Use	Architectural Ornamentation / Building Materials				
Manufacturer's Name	Edon Composites LLC		Supplier's Name	Edon Composites LLC	
Street Address	1160 Easton Road		Street Address	1160 Easton Road	
City	Horsham	State	PA	City	Horsham
Postal Code	19044	Emergency Telephone	215-672-8050	Postal Code	19044
Date SDS Prepared	1/24/2021		SDS Prepared By	Laurel Thompson	
				Phone Number	215-672-8050

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
Cured Polyester Resin	50-80	Proprietary		

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
[Emergency Overview]	During Machining: nuisance dust				
[WHMIS Symbols]	None Applicable				
[Potential Health Effects]	During Machining: potential skin, eye and nose irritation from dust.				

SECTION 4 – FIRST AID MEASURES

Skin Contact	Wash exposed are with soap and cold water. DO NOT rub or scratch irritated area. Skin contact with dust and fibers of this product may produce itching and transient mechanical irritation.
Eye Contact	Flush with water for 15 minutes. Seek medical attention if irritation persists. Eye contact with dust may produce mechanical irritation.
Inhalation	Inhalation of dust may result in itching and upper respiratory tract irritation. Move individual to fresh air. If breathing is difficult administer oxygen. Seek medical attention if irritation persists.
Ingestion	Avoid Ingestion. Treat Symptomatically. If swallowed do not induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of the material into the lungs due to vomiting can cause chemical pneumonitis.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, under which conditions?	Direct Flame exposure
Means of Extinction	Water, Foam, Type A, B or C Extinguisher and CO ₂ .		
Flashpoint (<input type="checkbox"/> C) and Method	None	Upper Flammable Limit (% by volume)	None
Autoignition Temperature (<input type="checkbox"/> C)	None	Explosion Data – Sensitivity to Impact	None
		Explosion Data – Sensitivity to Static Discharge	None
Hazardous Combustion Products	None		

[NFPA] Same as for wood; do not breathe fumes from burning material. Use self-contained breathing apparatus when fighting fires

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures **Avoid generating excess dust. HEPA vacuum or wet wipe dusts and place in a disposable container.**

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment **When handling, wear a long-sleeve shirt, leather palm gloves and safety glasses. Wear proper respiratory protection where potential exposure to dust may occur (approved by NIOSH / MSHA). Avoid breathing dust. Minimize dust generation and accumulation**

Storage Requirements **Store indoors in dry, well-ventilated area to protect material.**

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)			
Specific Engineering Controls (such as ventilation, enclosed process)	Provide efficient mechanical (general / local exhaust) ventilation to maintain exposure below TLV(s).					
Minimize dust generation and accumulation.						
Personal Protective Equipment	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Footwear	<input checked="" type="checkbox"/> Clothing	<input type="checkbox"/> Other
If checked, please specify type	RESPIRATORY PROTECTION: Wear a dust mask while machining					
SKIN PROTECTION: Wear gloves and protective outer work clothes as needed for handling comfort.						
EYE PROTECTION: Safety glasses while machining						

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid	Odor and Appearance None	Odor Threshold (ppm) None
Specific Gravity 1.61-2.0	Vapor Density (air = 1) None	Vapor Pressure (mmHg) None
Evaporation Rate None	Boiling Point (°C) None	Freezing Point (°C) None
Ph Unknown	Coefficient of Water/Oil Distribution None	[Solubility in Water] None

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Hazardous Polymerization	Will not occur
Reactivity, and under what conditions?	None
Hazardous Decomposition Products	None

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Acute Exposure None			
Effects of Chronic Exposure None			
There are no hazardous components in this material as received, however, cutting, milling, drilling, routing, or otherwise fabricating this material may produce the following:			
COMPONENT	CAS#	OSHA PEL TWA	ACGIH TLV
Cured polyester resin	proprietary	N/A	N/A
Fibrous glass dust	65997-17-3	Total Dust 15 mg/m3 Respirable 5 mg/m3	Total dust 5 mg/m3 Respirable 1 fiber/cc
Irritancy of Product: Potential to irritate skin and eyes from nuisance dust while machining.			
Skin Sensitization	None	Respiratory Sensitization	None
Carcinogenicity – IARC	None	Carcinogenicity – ACGIH	None

Reproductive Toxicity	None	Teratogenicity	None
Embryotoxicity	None	Mutagenicity	None
Name of Synergistic Products/Effects None			

SECTION 12 — ECOLOGICAL INFORMATION

This product as shipped is inert and should pose no significant hazard to the environment.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal: Conform to local, state, and federal regulations for the disposal of fiberglass reinforced with a thermoset polyester resin (as solid).

If material as supplied becomes a waste, incinerate or landfill in accordance with local, state, and federal laws and regulations. Incinerate only if incinerator is operated at high temperature and is capable of scrubbing out acidic combustion products. Contact your local or state environmental agency for specific rules.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information None		
		PIN
TDG Not Regulated	[DOT] Not Regulated	
[IMO] Not Regulated	[ICAO] Not Regulated	

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] None	[OSHA] None – see below.
[SERA] None	[TSCA] None

SECTION 16 — OTHER INFORMATION

OSHA REGULATORY STATUS As shipped this material is an inert fiberglass/plastic laminate in which ingredients have been cured using a thermoset process. While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of the product.