

MATERIAL SAFETY DATA SHEET



Structural Shapes - ISOFR

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

EMERGENCY PHONE NUMBER: (800) 527-4043

Product: Pultruded Fiberglass Thermoset Polyester FR

HMIS Rating: (H=0, F=1, R=0)

PPE: Refer to MSDS Section VIII, Control Measures

Fibergrate Composite Structures Inc.
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SECTION II - HAZARDOUS INGREDIENTS

Ingredient	Cas No.	OSHA-PEL	Percentage
Polyester Resin, Polymerized	None	N/A	30-50
Fiberglass	None	Total nuisance dust 15 mg/mg ³ Respirable nuisance dust 5 mg/m ³	50-70

SECTION III - PHYSICAL CHARACTERISTICS

Property

Boiling Point:	N/A
Melting Point:	N/A
Vapor Pressure (mmHg):	N/A
Vapor Density (Air=1):	N/A
Solubility in Water:	None
Appearance and Odor:	Various shapes and colors. Slight plastic odor.
Specific Gravity (H ₂ O=1):	1.60 - 2.00
Evaporation Rate (Butyl Acetate=1):	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Flammable Limits: N/A

Extinguishing Media: Water, CO₂, Dry Chemical, Foam

Special Fire Fighting Procedures: Self-Contained breathing apparatus. Avoid breathing fumes and smoke from fire.

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability:	(x) Stable () Unstable
Incompatibility (Materials to Avoid):	N/A
Conditions to Avoid:	Extreme high temperature
Hazardous Decomposition or byproduct:	N/A
Hazardous Polymerization:	() Will Occur (x) Will Not Occur

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SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Inhalation, eyes, contact with skin

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Dry scratchy throat
EYES: Irritation
SKIN: Irritation

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air
EYES: Flush with approved eye wash
SKIN: Wash with soap and water

Consult physician if symptoms continue.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

WASTE DISPOSAL METHOD: Abide by local, state and federal laws. Not considered a hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use dust collector when sawing or routing.
Gloves for handling comfort.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Dust mask, dust collector

VENTILATION: Local exhaust

PROTECTIVE GLOVES: Leather

EYE PROTECTION: Safety glasses

MECHANICAL: General

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