

MATERIAL SAFETY DATA SHEET

Fibergrate

Composite Structures

Structural Shapes - ISO

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SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

EMERGENCY PHONE NUMBER: (814) 623-8125

Product: Pultruded Fiberglass Thermoset Polyester

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

PPE: Refer to MSDS Section VIII, Control Measures

Bedford Reinforced Plastics, Inc.
264 Reynoldsdale Road
Bedford, PA 1522-7401

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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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EMERGENCY PHONE NUMBER: (800) 527-4043

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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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