

Fibergrate Material Safety Data Sheet

Structural Shapes - ISO

Reprint Date: 04/20/12 | Issue Date: 1/29/02 | Revision Date: 03/04/11

Section I - Chemical Product & Company Identification

Emergency Phone Number:	800-527-4043
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 15522-7401

Section II - Hazardous Ingredients

Chemical Component	Cas No.	OSHA-PEL	Percentage
Polyester Resin, Polymerized	None	N/A	30-50
Fiberglass	None	Total Nuisance Dust 15mg/m ³ Respirable Nuisance Dust 5 mg/m ³	50-70

Section III - Physical Characteristics

Property	Measurement
Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Specific Gravity	1.6 - 2.0
Melting Point	N/A
Evaporation Rate	N/A
Solubility in Water	None
Appearance and Odor	Various shapes and colors. Slight plastic odor.

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Section IV - Fire and Explosion Hazard Data

Flash Point:	N/A
Flammable Limits:	N/A
Extinguishing Media:	Water, CO2, Dry Chemical, Foam
Special Firefighting Procedures:	Self-Contained breathing apparatus. Avoid breathing fumes and smoke from fire
Unusual Fire & Explosion Hazards:	None
LEL:	N/A
UEL:	N/A

Section V - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Extremely high temperatures
Incompatibility:	N/A
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization:	Will not occur

Section VI - Health Hazard Data

Routes of Entry:	Inhalation, eyes, contact with skin
Signs & 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

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Section VII - Precautions for Safe Handling and Use

Water 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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