



SAFETY DATA SHEET

REQUIRED BY OSHA'S 29 CFR 1910.1200

Date of Preparation or Revision: January 1, 2021

Section 1 – Identification

MANUFACTURER'S NAME: Bedford Reinforced Plastics, Inc.	EMERGENCY PHONE #: 814-623-8125
ADDRESS: 1 Corporate Drive, Suite 106, Bedford, PA 15522	
PRODUCT DESCRIPTION: Fiberglass Reinforced Plastics (FRP) Pultruded Grating	TRADE NAME: PROGrate® Grating
Recommended Use:	Restrictions on Use:

Section 2 – Composition/Information on Ingredients

COMPONENT IDENTIFICATION	WEIGHT %
Alkali-Free Fiber Glass	55-60%
Isophthalic Polyester, or Vinyl Ester Resins	20-25%
Filler, Fire-Retardant Agents, UV, Pigment, Inhibitor	17-25%

Section 3 – Physical/Chemical Properties

Physical State (Room Temperature)	Solid
Odor	No Significant Odor
Appearance	Rigid, Solid Sheet; Various Colors/Textures
Odor Threshold	Not Applicable
Boiling Point	Not Applicable
Freezing Point	Not Applicable
Percent Volatile by Volume	Not Applicable
Specific Gravity	>1
Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density (Air = 1)	Not Applicable
pH	Not Applicable
Coefficient of Water/Oil Distribution	Not Determined
Solubility in Water (% by Weight)	Not Soluble

Section 4 – Stability and Reactivity

Stability	Stable under conditions of storage and use
Conditions to Avoid	Store away from excessive heat and other ignition sources
Incompatibility (Materials to Avoid)	None known
Hazardous Decomposition Products	Combustion of the material can release hydrocarbons and oxides of nitrogen and carbon
Hazardous Polymerization	Will not occur

Section 5 – Fire-Fighting Measures

Flash Point	None
Flammability Limits in Air	None
Auto-Ignition Temperature	Cannot be exactly determined – cannot be easily ignited
Extinguishing Media	Water or Foam
Fire Fighting Process	Carbon Particles – air respirator recommended

Section 6 – Health Hazards Identification

Acute Effect: None by contact with product; dust generated from cutting or grinding can penetrate into the pores of the skin and cause itching; avoid breathing dust.

Routes of Entry: Skin contact or inhalation of dust when cutting or grinding.

Medical Conditions Aggravated by Exposure: People who have conditions that would be aggravated by dust should avoid cutting or grinding.

Emergency and First Aid Procedures:

Skin: Remove people from dust area, showering with soap and water will stop itching.

Eyes: Flush with eye wash solution.

Section 7 – Disposal Considerations

Refer to local laws; this product is not considered hazardous waste.

Section 8 – Handling and Storage

Ventilation	Dust collector recommended at point of generation of any dust due to cutting or grinding
Respiratory	Wear dust mask when cutting and grinding
Eyes	Wear protective goggles when cutting and grinding
Face and Hair	Wear face protection when cutting and grinding

Note: Cover all exposed body parts, always wear work gloves when moving and lifting products, since the product has sharp edges and/or grit surface.

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