



# SAFETY DATA SHEET

REQUIRED BY OSHA'S 29 CFR 1910.1200

Date of Preparation or Revision: January 23, 2017

## Section 1 – Identification

<b>MANUFACTURER'S NAME:</b> Bedford Reinforced Plastics, Inc.	<b>EMERGENCY PHONE #:</b> 814-623-8125
<b>ADDRESS:</b> 1 Corporate Drive, Suite 106, Bedford, PA 15522	
<b>PRODUCT DESCRIPTION:</b> Fiberglass Reinforced Plastics (FRP) Pultruded Grating	<b>TRADE NAME:</b> 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

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

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## Section 8 – Handling and Storage

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