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## [Fabrication Instructions](#)

**SAFETY PRECAUTIONS** -- When cutting GLOBALGRID® grating, always wear safety goggles to protect your eyes and a dust mask to reduce dust inhalation. Also wear gloves and a shop coat with neck and sleeves taped to prevent skin irritation. Work in a well-lighted and ventilated area.

**CUTTING GLOBALGRID** -- Depending on the amount (linear feet) of grating to be cut, a variety of shop tools can be used. For best results, use a heavy-duty rotary saw with a masonry, carbide or diamond coated blade. Firm support of the panels will prevent shifting. Turning the panel bottom-side-up gives a smooth surface for the saw to ride on and reduces chipping. Be sure to allow for the blade kerf (3/16") when measuring.

**GRINDING** -- All cut edges should be ground smooth. Use a coarse grit, open coated (resin) grinding disk.

**FINISHING** -- All cut surfaces should be coated with resin to prevent corrosion of glass fibers. A light coating of two-part resin system or urethane spray paint is satisfactory.

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## [Material Safety Data Sheet](#)

### [SECTION I - MATERIAL IDENTIFICATION AND USE](#)

**Chemical Name:** Floor Grating made of Fiberglass Reinforced Polyester (Plastic)  
**Common Name:** GLOBALGRID®, FRP Grating, Fiberglass Grating  
**Use:** Flooring, platform, trench covers, stair treads, etc.

### [SECTION II - INGREDIENTS](#)

Fiber Glass, Polyester Resin, Catalyst, Styrene, Aluminum Oxide, Pigments. (All ingredients are chemically cured and bonded together.)

### [SECTION III - HAZARD IDENTIFICATION](#)

**Acute Effect:** None by contact with product. Dust produced by 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 IV - CHEMICAL DATA**

**Appearance:** Solid, in flat panels with grid pattern. Green, gray and yellow are standard colors. All products have sharp edges or grit on the top surface.

<b>Odor:</b>	none
<b>Solubility:</b>	none in water
<b>Specific Gravity:</b>	1.6

**SECTION V - FIRE FIGHTING MEASURE**

Product will burn, avoid fire source.

<b>Flash Point:</b>	none
<b>Flammability limits in air:</b>	none
<b>Auto-ignition temperature:</b>	not determined
<b>Extinguishing media:</b>	Water, foam, A, B, or C extinguishers.
<b>Fire fighting procedures:</b>	Heavy black smoke, Carbon particles Air respirator recommended.

**SECTION VI - Waste Disposal**

Abide by local laws and procedure. Product is not considered hazardous waste.

**SECTION VII - HANDLING**

<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 hood when cutting and grinding.

Wear gloves; cover all exposed body parts.

**Section VIII - SPECIAL PRECAUTIONS**

Always wear work gloves in moving and lifting products, since the product has sharp edges or grit surface for anti-slip purpose.

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