

COSHH SAFETY DATASHEET FOR GLASS REINFORCED PLASTIC (GRP)

(note: GRP products include 1% silica grit)

Material Identification and Use

Chemical Name – Floor Grating, Flat Plate and Construction Profile made of Fibreglass Reinforced Polyester.

Common Name - Glass Reinforced Plastic Grates. (Fibreglass Grating).

Use - Floor, wall.

Constituent Parts

Silicon Carbide Grit (Silica 1%), Fibrous Glass, Polyester Resin, Catalyst (Peroxyester), Styrene, Aluminium Oxide, Pigments. Ingredients are chemically cured and bonded together.

Hazard Identification

Acute Effect - None by contact. Dust produced by cutting or grinding can penetrate the pores of the skin causing itching (Irritant). Avoid breathing dust, (hazardous)

Routes of Entry - Skin contact or inhalation of dust when cutting.

Medical Note - People who have a condition that could be aggravated by dust should avoid cutting or grinding.

First Aid Procedures – Skin. Remove person from dust area and shower with soap and water until itching stops. Seek medical advice.

First Aid Procedures – Eyes. Flush at once with a sterile eye wash solution.

Appearance - Solid, flat panels with grid pattern. Green, Grey and Yellow are standard colours. Sharp edges or grit applied to top surface. Nil odours. Not soluble in water. Specific Gravity 1.6.

Fire Fighting Measures

Product will burn. Avoid direct fire source. Flash point: none. Flammability limits: none. Extinguishing Media: water, foam, A, B or C fire extinguishers. Heavy, black smoke, carbon particles. Use air respirator.

Waste Disposal

Handling - Abide by local laws and procedures. Product is not considered a hazardous waste.

Personal Protection - Use LEV systems or vacuum extraction with "M" class filtration. Use a face mask to with FFP3 filter. Eye protection to EN166 –grade B standard. Wear gloves for Manual handling operations. Wear overalls and cover exposed body parts.

Health Surveillance - It is recommended that Level 1 Health Surveillance is conducted/completed annually.

FOR MORE INFO

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V3-25.01.2019

