



Working with GRP Anti-Slip Products A Guide to Handling & COSHH Requirements

Identification of the Product & Company

Product Name:	Evergrip Anti-Slip - Glass Reinforced Plastic (GRP) slip resistant surfacing products
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Product & Use

Evergrip Anti-Slip is a range of extremely tough & durable surfaces manufactured from GRP, polyester resins & aluminium oxide granules.

The product is designed to eliminate slip hazards in industrial, commercial and public access areas.

The appearance, shape & size and colour of the product can vary widely, depending on the specification called for.

The standard colours supplied are black, yellow or grey.

Product range variants include:

ladder rung cover | stair nosing | stair tread cover | cleat | landing cover | low profile sheet | standard thickness sheet | 6mm thickness sheet

Composition

Glass fibre, polyester resins, inert fillers, UV stabilisers, promoters and flame retardants, aluminium oxide granules. Pigment is added to the resin to produce RAL or BS matched colours to the required specification. Though not common, some of these pigments may contain small amounts of lead.

Hazard Identification

The finished & fitted product presents no significant hazard.

Disposal & Environmental Considerations

Evergrip Anti-Slip surfacing is an inert product. At present, no recycling options are available within the UK, although these are expected to come on stream in the near future. Scrap and waste material should be disposed of in approved landfill facilities adhering to local regulatory handling and documentation requirements. The material presents no special hazard to the environment.



Handling, Re-working & Machining - COSHH Advisory Notes

Due to the abrasive nature of the product surface, operators should wear suitably resistant hand protection for general handling operations.

Anti-Slip may be supplied in pieces measuring up to 3.0 x 1.22 metres in size. Correct Manual Handling techniques should be adhered to at all times to prevent personal injury.

When cutting or machining with power tools, the standard products produce a non-toxic, biologically inert dust.

The dust levels should be kept as low as is reasonably practicable and must not exceed the **Occupational Exposure Limit of 10mg/m³ total inhalable dust and 4mg/m³ respirable dust – 8 hour TWA value**. When working out of doors, it is unlikely that these levels will be reached. When working indoors or in confined spaces, adequate ventilation should be provided and when extensive operations are necessary, suitable dust extraction should be provided. Operators should wear suitable dust masks & goggles.

In isolated cases, GRP dust may cause slight, transient skin irritation. Should these effects be prolonged or should any signs of a rash occur, medical advice should be sought. All exposed skin should be thoroughly washed with soap and water. Any eye contamination should be washed out with copious amounts of bottled sterile water or fresh clean water.

Do not smoke or eat in working areas.

Fire Precautions & Extinguishing Media

While constituents of the Anti-Slip products are tested under conditions laid down by **BS476 Fire Tests**, under extreme conditions the product will burn to release a toxic black smoke, which may contain hydrogen chloride & hydrogen bromide fumes.

Suitable extinguishers include dry powder, carbon dioxide, foam & water spray.

Wear self-contained breathing apparatus.

The information provided is believed to be correct but does not purport to be comprehensive and as such should be used only as general guidance. Evergrip Limited shall not be held liable for any damages resulting from handling or from contact with the above product.