

COSH DATA SHEET

GRP METER BOXES AND REPLACEMENT DOORS

Grinding and cutting of GRP (glass-reinforced plastic) will result in dust that contains glass fibre particles which can cause irritation of the skin, eyes, nose and throat. This is a temporary irritation, which gradually disappears within a relatively short time.

If a large amount of cutting is anticipated, the following safety measures are recommended:

- Wear loose clothes which are not tight around the wrists or neck
- After work, rinse hands and arms or take a low-pressure shower. To avoid rubbing the particles in, rinse the skin thoroughly before using soap or other cleansing substances. Try to use water at a low temperature to prevent skin pores opening.
- Apply suitable moisturisers or barrier creams sparingly.
- Change and wash work clothes frequently (if possible, daily).
- Wear closed shoes and suitable work shoes.
- Light dust masks that cover the area of the mouth and nose should be used in enclosed areas.
- The wearing of protective glasses is recommended.

Characteristics of GRP dust:

Aluminium hydroxide composition	Al(OH) ₃
Hazardous contaminants	None
Hazardous symbol	None Not hazardous for CHIP3 (2002)
Breathing protection	Not necessary
Hand, eye & body protection	Not necessary
Material Type	Powder
Colour	White / brown / ivory
Smell	Odourless
Flammability	Not flammable Not explosive