

HEALTH AND SAFETY

Because of the processes which take place during manufacture, the product is believed to present no health and safety hazard and, under normal handling and use it is unlikely that the product will give rise to significant levels of exposure to constituent materials.

RGS 4 is a laminate containing exfoliated graphite reinforced with a flat stainless steel sheet.

Under harsh mechanical treatment (e.g. high speed stamping operations or abrasion) the constituents may give rise to irritant dusts which, in extreme cases of exposure, could lead to more serious respiratory problems. Occupational exposure to such dusts should therefore be minimised and kept below relevant national exposure limits. Good standards of hygiene should be applied during gasket cutting operations and off-cuts should be disposed of by transfer to a site appropriately licensed to accept industrial materials of this nature.

Graphite is combustible. At elevated temperatures or in a sustained fire, toxic fumes may be produced.

The material is conductive. Graphite debris or dust should not be allowed to penetrate electrical equipment. The reinforcing core may have very sharp edges; handle with care, particularly after cutting.

For more detailed information, reference must be made to our Health and Safety Bulletin, Sections 1, 2, 2.11, 3 and 3.2. This will enable you to carry out any necessary assessment of risk which may be required under national or local legislation.