

# MSDS epoxy glass sheet, tube and rod

MSDS-epoxy-Issue 2012-12

1. Applicable Grades: Glass Reinforced Thermoset Laminate Sheets. - Grade Ref: B36, B38, B46, B60, B61, G10 sheet, and T36, T38, T48, Lectraglass EP, EPR and EHT and CC40 tube and G10 FR rod.
2. General description: Synthetic resin bonded laminated material in sheet and tube format. Components / panels / parts manufactured from the above materials.
3. Intended uses : Engineering and electrical insulation applications.
4. Chemical composition: Woven Glass cloth substrate bonded with fully cured / cross-linked epoxy resin.
5. Reactivity data : Not applicable
6. Physical properties
  - 6.1 Physical state: Solid:
  - 6.2 Thermal characteristics: Stable under normal conditions of use or storage
  - 6.3 Solubility: Insoluble in water
  - 6.4 Density: 1.4 to 1.95 g/cm<sup>3</sup>
7. Hazardous constituents: None
8. Occupational exposure limits

The products as supplied are regarded as articles as described by the REACH regulation and are not subject to occupational exposure limits. Note: - Machining of these materials may produce dust which will contain glass. Precautions should be taken during machining and cutting operations to ensure dust levels are within acceptable limits according to local regulation. (UK EH40 – General dust levels) and that suitable PPE is used.
9. Fire and explosive hazards

Normal fire fighting procedures should be followed including use of appropriate respiratory device. No explosion hazard in the as supplied state. If this product is cut or machined, suitable precautions should be taken in the design of dust extraction / containment equipment to prevent explosion caused by fine dust.
10. Handling and use precautions: Care should be taken when handling sheets to prevent injury caused by sharp edges.
11. Storage and transport precautions: Appropriate handling and lifting arrangements should be made for larger sheets where safe lifting limits are exceeded. Surfaces of sheets are normally smooth which can lead to accidental slippage if sheets are unevenly stacked
12. Emergency action
  - 12.1 Fire: Extinguish with water, foam or CO<sub>2</sub>
  - 12.2 Spillage: Not applicable
  - 12.3 Inhalation: Not Applicable
  - 12.4 Ingestion: Not applicable
  - 12.5 Skin Contact. After machining operations, wash thoroughly with water to remove dust which may cause irritation
  - 12.6 First Aid: Not applicable
13. Ecological information: not known
14. Waste disposal; Dispose in accordance with local regulation.
15. Relevant regulations: No risk phrases apply to articles as supplied
16. Other information and references: Not applicable