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**MONUMENT**

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MONUMENT TOOLS LTD		Issue number :	1
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## MATERIAL SAFETY DATA SHEET

Product Code : **2350X**  
 Product Description : **Woven Glass Fabric. Professional Quality Soldering & Brazing Pad**

### PRODUCTS

Glass fibre textiles - yarns, cloths, tapes, ropes, tubings and braided and knitted packings (but not glass wool produced from blown glass fibre such as lagging).

### SCOPE

This information is provided in accordance with Section 6 of the Health and Safety at Work etc. Act 1974 recently amended by the Consumer Protection Act 1987.

### DESCRIPTION

The products covered by this data sheet are manufactured from glass fibres having a diameter of at least 6 microns. The fibres may be continuous, sometimes with broken ends e.g. air texturised, or discontinuous i.e. staple.

### COMPOSITION

Glass fibre textiles are most commonly made from continuous filament borasilicate type 'E' glass with some speciality products made from staple chemical resistant type 'C' glass.

Typical Composition	'E' Glass	'C' Glass
Silicone Dioxide	55.0	62.0
Aluminium Oxide	14.5	5.0
Calcium Oxide	22.0	7.0
Magnesium Oxide	0.3	4.0
Sodium Oxide	0.4	15.0
Boron Oxide	7.5	6.0
Potassium Oxide	0.3	1.0

### APPLICATION

Glass textiles are used for fire and heat protection and as reinforcement in composite materials. Typical applications include insulation, protective clothing, fire barriers and flange seals.

### HAZARDS

When first exposed to high temperatures some small amounts of fume may be given off due to small concentration of textile processing additives.

Contact with glass fibre products may cause temporary irritation. Wear long sleeved, loose fitting clothing preferably made out of cotton when handling the material. Gloves and eye protection may be appropriate in certain operations, wash with soap and warm water after handling.

If high levels of dust are encountered use of a disposable mask suitable for nuisance dusts is advisable.

Despite exhaustive investigations there is no evidence to link exposure to glass fibres of 6 micron diameter and above, which are non respirable, with cancer.



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