

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION

Mineral Wool (glass wool and rock wool) for Thermal and Acoustic Insulation.

## 2. COMPOSITION

Inert vitreous silicate mineral wool fibres (→18% alkali and earth alkali oxides) Xi: R38 containing a cured thermosetting phenolic resin which has been urea extended. Up to 0.5% of refined mineral oil.

## 3. HAZARD IDENTIFICATION

Fibres may cause temporary (but reversible) skin irritation by mechanical action. Cutting and handling may create dust. High dust levels may irritate the throat or eyes. The resin poses no known hazard in its cured state.

## 4. FIRST AID MEASURES

**EYES:** If irritation occurs wash eyes with water. If symptoms persist seek medical advice.

**SKIN:** If irritation occurs, wash skin with water.

**INHALATION:** Move person to fresh air

**INGESTION:** Drink plenty of water if accidentally ingested.

If any adverse reaction or discomfort continues from any of the above exposures, seek medical advice.

## 5. FIRE FIGHTING MEASURES

The products do not pose a fire hazard. However, some packaging materials or facings may burn.

- (a) Suitable Extinguishing Media - water, foam. Carbon Dioxide or dry powder.
- (b) Products of Combustion - carbon dioxide, carbon monoxide and some trace gases.

## 6. ACCIDENTAL RELEASE MEASURES

Large pieces may be placed in plastic bags or waste bins. Granules or dust should be collected using vacuum cleaning or dampening down with water spray prior to brushing up. Minimise exposure to dust. See Section 8 for recommended personal protection measures.

## 7. HANDLING AND STORAGE

Avoid unnecessary handling of unwrapped product. Store in original packaging in a dry place. If cutting material use sharp hand tools and avoid power tools. Ensure adequate ventilation of workplace. Keep work areas clean. Use water sprays to dampen area prior to brushing, or use vacuum cleaning.

## 8. EXPOSURE CONTROLS-PERSONAL PROTECTIONS

WEL - Airborne dust: 5mg/m<sup>3</sup>, 8 hour TWA (gravimetric method). In most normal applications it is unlikely that this WEL will be exceeded.

**Respiratory Protection:** In confined spaces it is recommended that disposable face masks complying with EN149 or FFP1 or FFP2 should be used and are suitable for most applications to improve comfort.

**Hand Protection:** Not normally required, but gloves may be worn for comfort.

**Eye Protection:** When working with product above head height, eye protection to BS EN 166 is advised.

**Skin Protection:** Loose fitting clothing is advised.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Vitreous bonded mineral wool supplied as rolls, slabs or in sectional form, with or without facings.

## 10. STABILITY AND REACTIVITY

No special physical conditions need to be avoided.

No restrictions regarding incompatible components.

Binder will decompose above 230°C. Decomposition products principally carbon dioxide, carbon monoxide and some trace gases, but do not constitute a hazard in normal ventilated areas.

## 11. TOXICOLOGICAL INFORMATION

Not classified as a carcinogen under the EU Dangerous Substances Directive, 67/548/EEC and Directive 97/69/EC.

No link between exposure to mineral wool fibres and lung disease in production or user industries. IARC Group 3 (not classifiable).

No adverse irritant reaction to skin in dermal patch tests. No chronic effects usually associated with skin or eye contact.

## 12. ECOLOGICAL INFORMATION

Inert inorganic product with very small organic content. If disposed in landfill it will gradually decompose and revert to natural inorganic granules or dust with no known adverse environmental impact.

May be used for soil conditioning in heavy soils.

No impact upon the food chain.

### 13. DISPOSAL CONSIDERATIONS

No special precautions. Not classified as hazardous or special waste in the UK, and may be disposed of in normal waste landfill.

### 14. TRANSPORT INFORMATION

Not classified as hazardous for transportation.

### 15. REGULATORY INFORMATION

Skin irritant (R38) according to 67/548/EEC. Wear suitable protective clothing and gloves. COSHH

Regulations - Schedule 1: WEL of 5 mg/m<sup>3</sup> dust, 8 hour TWA (gravimetric) applies to all mineral wool dust.

### 16. OTHER INFORMATION

Xi: R38-Irritant to the skin

HSE Guidance Note EH46: Man-made Mineral Fibres

HSE Guidance Note EH40: Occupational Exposure Limits

Eurisol Health Statement - Eurisol UK Ltd, 3 Vimy Court, Vimy Road, Leighton Buzzard, Beds,

[www.eurisol.com](http://www.eurisol.com)

This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

This Material Safety Data Sheet is in accordance with the EU Directive 91/155/EEC, amended by 93/112/EC and 2001/58/EC.

Assessment according to EU Directive 97/69/EC on MMVF and CHIP.

Revised January 2002: to take account of the requirements of Commission Directive 2001/58/EC

For further information, product sheets, alternative dimensions or facings please contact our sales team.

(PLEASE NOTE : All dimensions are nominal).

#### Order Placing and General Enquiries

E Mail: [sales@superglass.co.uk](mailto:sales@superglass.co.uk)

Tel: 01786 402014

Fax: 01786 451245

The office hours are Monday to Friday 8.30am to 5.00pm.

#### Product Information and Technical Support

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Full product information is also available on CD Rom or can be downloaded from our web site.



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