

# Material Safety Data Sheet

Isover Insulation Products  
Glass Wool Rolls, Slabs, Pipe Sections, ULTIMATE™ Products, Stone Wool & Blowing Wool

September 2009

## 1. Identification

Mineral wool for thermal and acoustic insulation. Produced by Saint-Gobain Isover.

## 2. Composition

Inert vitreous silicate mineral wool bonded with a thermosetting phenolic resin, which has been urea extended. Up to 0.7% mineral oil.

## 3. Hazards Identification

May cause temporary skin irritation by mechanical action. Cutting and handling may create dust. High levels of dust may irritate throat or eyes.

## 4. First Aid Measures

- **Eye Contact**  
If irritation occurs wash eyes with clean water
- **Skin Contact**  
If irritation occurs, wash skin with soap and water
- **Inhalation**  
Move person to fresh air
- **Ingestion**  
Drink plenty of water if accidentally swallowed

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

## 5. Fire Fighting Measures

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

**Suitable Extinguishing Media** - water, foam, carbon dioxide or dry powder.

**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 by damping down with water spray prior to sweeping up.

## 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 workspaces.
- Keep work areas clean. Use water sprays to dampen area prior to sweeping, or use vacuum cleaning.

## 8. Exposure Controls/Personal Protection

### Occupational Exposure Limits

WEL (Workplace Exposure Limits) - 5mg/ma<sup>3</sup> 8-hour TWA (gravimetric) and 2 fibres/ml.

WEL (Workplace Exposure Limits) 8-hour TWA (gravimetric)  
In normal applications, it is unlikely that these WELs will be exceeded. Refer to current editions of HSE EH40-Occupational Exposure Limits.

### Personal Protection

#### Respiratory

In confined spaces or if the WELs are likely to be exceeded, disposable facemasks complying with EN 149 Class FFP1 or FFP2 should be used and are suitable for most applications to improve protection.

#### Skin

Gloves may be worn for comfort. Wear loose fitting clothing, avoiding constrictions around neck and wrists.

#### Eye

If working with products above head height or in restricted space, eye protection should be worn to comply with BS EN 166.

## 9. Physical and Chemical Properties

### Appearance

Vitreous bonded mineral wool supplied in roll, slab or sectional form, with or without facings.

Melting Point Above 600°C Solubility - Insoluble in water and generally chemically inert.



The World's Leading Acoustic and Thermal Insulation

## 10. Stability and Reactivity

No special physical conditions need to be avoided or restrictions regarding incompatible materials.

## 11. Toxicological Information

Not classified as a carcinogen under the European Commission 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).

## 12. Ecological Information

Stable product with no known adverse environmental effects. The product has Zero Ozone Depletion Potential (Zero ODP) and a Zero Global Warming Potential (Zero GWP).

## 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 transport.

## 15. Regulatory Information

Skin irritant (R38) according to directives 67/548/EEC and 97/69/EC. Wear suitable protective clothing and gloves.

COSHH Regulations Schedule 1 WELs (Workplace Exposure Limits) of 5mg/m<sup>3</sup> dust, 8-hour TWA (gravimetric) applies to all mineral wool dust.

## 16. Other Information

Eurisol Health Statement - PO Box 35084, London NW1 4XE.  
HSE Guidance Note EH46 - Man-made mineral fibres.  
HSE Guidance Note EH40 - Occupational Exposure Limits.  
Recommended uses. Thermal and Acoustic insulation.

### Note to User

This Material Safety Data Sheet does not constitute the users own workplace risk assessment, which is required under COSHH (The Control of Substances Hazardous to Health) Regulations.

Saint-Gobain Isover technical staff are available for discussion and to offer technical advice when Isover's products are being specified or used. These services are available nationally through the numbers listed below.

Buildings Insulation including New Build Residential and Commercial  
Tel: 0115 945 1143 E-mail: [isover.enquiries@saint-gobain.com](mailto:isover.enquiries@saint-gobain.com)

Technical Insulation including HVAC, Marine and Industry  
Tel: 01928 796 180 E-mail: [techinsulation@saint-gobain.com](mailto:techinsulation@saint-gobain.com)

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 September 2009 to change corporate company name and brand.

### Disclaimer:

This information reflects typical values and is not a product specification.  
No warranty expressed or implied is hereby given.

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