

Rockwool

Material Safety Data Sheet - Bonded Products

Rockwool Rolls, Slabs, Sections

1. Identification

Mineral wool products for Thermal Insulation, Fire Protection and Acoustic purposes, produced by Rockwool Limited, Pencoed, Bridgend, CF35 6NY.

2. Composition

Inert vitreous silicate mineral wool bonded with a small amount of thermosetting phenolic resin which has been urea extended. Up to 0.3% of mineral oil products for special applications will have up to 0.5% silicone oil, or silicone emulsion.

3. Hazard Identification

May cause transient mechanical skin irritation. High dust levels may irritate the throat and eyes. The fibres from which Rockwool products are made are classified as Irritant (Xi:R38) under the CHIP Regulations 1998.

4. First Aid Measures

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

Skin: If irritation occurs, wash under running water prior to washing with soap and water.

5. Fire Fighting Measures

The products are generally non-combustible and do not pose a fire hazard. However, some facings and packaging materials may burn.

- a. Suitable Extinguishing Media - water, foam, carbon dioxide or dry powder.
- b. Unsuitable Extinguishing Media - none
- c. Products of combustion - carbon dioxide, carbon monoxide and some trace gases.
- d. Observe normal fire fighting procedures.

6. Accidental Release Measures

No special requirements required.

7. Handling and Storage

Avoid unnecessary handling of unwrapped product. Store in a dry place, in original packing if appropriate. Packaging materials should not be exposed to a heat source.

8. Exposure controls and personal protection.

Maximum Exposure Limit (MEL) 5mg/m³, 8 hour time weighted average gravimetric measure. Ensure good general ventilation. Local exhaust ventilation may be required if the method of use produces dust levels in excess of the MEL.

Respiratory protection: If the MEL is likely to be exceeded, disposable face masks complying with EN149 FFP1 or FFP2 should be used and are suitable for most applications.

Hand Protection: Not normally required but industrial gloves can be worn.

Eye Protection: When working with product above head height, eye protection is advised.

Skin Protection: No special requirement; loose clothing advised..

9. Physical and Chemical Properties:

Appearance - brown vitreous mineral wool supplied in the form of rolls, slabs, or sections.

Melting point: - Above 1000° C

Solubility - Insoluble in water and generally chemically inert.

10. Stability and Reactivity:

No special physical conditions need to be avoided. No health and safety restrictions regarding incompatible materials.

11. Toxicological effects:

Human epidemiological studies show no link between exposure to mineral wool fibres and lung disease or any other chronic effects. Rockwool fibres are not classified as carcinogen by the European Commission Directive 97/69/EC.

12. Ecological Information:

Stable product with no known adverse environmental effects.

13. Disposal Considerations:

No special precautions. Rockwool products are not classified as special waste under the Special Waste Regulations 1996.

14. Transport Information

No special precautions.

15. Regulatory Information:

No special labelling required

Mineral wool products are not classified under CHIP as hazardous, but are listed in the Control Of Substances Hazardous to Health Regulations (COSHH) with a MEL. For insulation wools the appropriate limit is 5mg/m³ (gravimetric).

16. Other Information

Health and Safety Executive Guidance Note EH46 - Man Made Mineral Fibres.

Eurisol Health Statement

HSE Guidance Note EH40: Occupational Exposure Limits

CHIP Regulations 1998 Approved Supply List

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

This safety data sheet does not constitute an assessment of workplace risk.

Further written information about Rockwool products can be obtained from:

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