

KNAUF INSULATION LTD.
PO BOX 10
ST HELENS
WA10 3NS Tel 01744 766600



KI_DP022
April 2009

E mail – Tech@Knaufinsulation.com

SAFETY DATA SHEET

Crown™, Icerock®, Rocksilk™, Loft Roll™, Thermolan™ Krimpack™ Blown Cavity Wall Insulation – Rock and Glass products, Rafter Roll 32, Room in Roof Roll, Dritherm Cavity Slab, TakBoard, Flatroof Slabs, SteelTherm, Earthwool, Earthwool Carbon Zero, Insulation Board /Roll, Kalzip, Frametherm, Insulation Mat, Insulation Slab, B & Q DIY roll, Wickes Cavity Slab 37, Wickes Easy – Lay Loft Insulation, DIY top up, Contract, Factoryclad,

1. IDENTIFICATION	2. HAZARD IDENTIFICATION
Mineral Wool (glass wool and/or rock wool) for thermal and/or acoustic insulation. For use in Industrial Applications and in building construction	The fibre 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 bonding agent is unlikely to be hazardous in its cured state.
3. COMPOSITION	4. FIRST AID MEASURES
Mineral wool man (machine) made vitreous fibre >18% alkali and earth alkali oxides with up to 7% of cured bonding agent (up to 7% of a cured bonding agent comprising a nitrogen-containing polymer derived from natural products and containing low levels of silane and hydrocarbon oil).	EYES: If irritation occurs, wash eyes with water. SKIN: If irritation occurs, remove contaminated clothing and wash skin with soap and 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	6. ACCIDENTAL RELEASE MEASURES
The products do not pose a fire hazard in use; however, some packaging materials or facings may burn. a) Suitable Extinguishing Media - water, foam, carbon dioxide or dry powder. b) Media not to be used – none known c) Products of combustion - carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides. d) If fire occurs in a warehouse storing the mineral wool prior to use, respiratory protection/ breathing apparatus may be required. Otherwise no special fire-fighting requirements	Personal precautions: Avoid contact with skin or eyes. Minimise exposure to dust. See section 8 for recommended personal protection measures. Method for clean up: 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 brushing up.
7. HANDLING AND STORAGE	8. EXPOSURE CONTROLS - PERSONAL PROTECTION
Ensure adequate ventilation of workspaces. Use protective equipment specified in section 8. Avoid unnecessary handling of unwrapped product. Store in original packaging in a dry place. If cutting the material use sharp hand tools and avoid power tools.	Refer to specific country regulations and guidance for relevant work place exposure limits. Respiratory protection: In confined spaces it is recommended that disposable face masks complying with EN149 FFP1 or FFP2 should be used and are suitable for most applications to improve comfort. Hand protection: Cloth, leather or rubber gloves can be worn to reduce any mechanical irritation affects which may occur. Eye protection: When working with product above head height, eye protection to BS EN 166 is advised. Skin protection: Loose fitting clothing is advised, cover exposed skin
9. PHYSICAL & CHEMICAL PROPERTIES	10. STABILITY AND REACTIVITY
Appearance: Vitreous mineral wool supplied as rolls. Softening point: Above 600°C. Solubility: Glass fibres have very low solubility in water. Product is generally chemically inert. Some leaching of organic binder may occur.	No special physical conditions need to be avoided. No restrictions regarding incompatible materials. Binder will decompose above 200°C. Decomposition products principally Carbon Dioxide, Carbon Monoxide and some trace gases, in a well ventilated area these trace gases are likely to be below hazardous levels
11. TOXICOLOGICAL INFORMATION	12. ECOLOGICAL 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	Inert inorganic product with very small organic content 5 to 7% Some leaching of organic content may occur if disposed of in landfill < 0.3% The material is not ecotoxic by composition.
13. DISPOSAL CONSIDERATIONS	14. TRANSPORT INFORMATION
European waste catalogue code 17 06 04 Non Hazardous	Not classified for transport
15. REGULATORY INFORMATION	16. OTHER INFORMATION
Xi-irritant R38 (irritating to skin) S36/37 Wear suitable protective clothing and gloves Fibre covered by Annex 1 entry no 650-016-00-2 –Skin irritant (R38) according to Directives 67/548/EEC, revised by Directive 97/69/EC. This Material Safety Data Sheet is in accordance with the EU Directives 67/548/EEC, 1999/45/EEC and 91/155/EEC, as amended. 93/112/EC and 2001/58/EC. The classification is that required by EU Directive 97/69/EC	R38 Irritating to the skin Further information www.Eurima.org and www.Eurisol.com This data sheet does not constitute a workplace risk assessment.

Revised : April 2009, section 12 Ecological information, additional products
Date of previous revisions: Oct 2008