Product Safety Information

IKO ENERTHERM



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IKO enertherm products are exempt from the requirements outlined in the REACH regulation (see Articles 57 and 59(1) of REACH Regulation (EC 1907/2006)). IKO Insulations BV follows the SDS format as described in Annex 2 of the REACH Regulation.

1. Identification of the products and the company

Products: IKO enertherm product range
ALU, KR ALU, ALU PURE, ALU F4, ALU NF, ALU TAP, BM, MG, ATELIA

Application: Thermal insulation of buildings

Provider: IKO Insulations BV
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2. Hazard Identification

- This product is classified as non-hazardous, non-eco-toxic, and has no known toxic effects.
- However, it is always recommended to use eye and respiratory protection. Prolonged exposure to sawdust may cause irritation to the skin, eyes, and lungs.
- For industrial processing, any applicable local occupational exposure limits (OEL) for volatile substances and fine dust should be taken into account.

3. Composition

Core: Thermoset polyurethane foam (PIR) according to EN 13165

Facings:

- Aluminium stucco foil (ALU PURE, ATELIA)
- Multi-layer aluminium foil (ALU, KR ALU, ALU NF, ALU F4, ALU TAP)
- Mineral-coated glass fleece (MG, BM)
- Bitumen laminated glass fleece (BM)

4. First Aid Measures

Skin contact: Non-irritating
Skin irritation may occur when processing mineral-coated glass fleece. If necessary, rinse under running water.

Eye contact: Dust particles must be removed by rinsing with clean water. In case of contact with mineral fibres, do not rub; rinse thoroughly with water and seek medical advice.

Inhalation: If dust is inhaled, go to a zone with fresh, clean air.
Ingestion: Drink lots of water.

5. Fire Fighting Measures

Recommended extinguishing agents: Water-based, foam, powder or CO_2
Advice for firefighters: Use self-contained breathing apparatus to prevent inhalation of harmful gases released during combustion

6. Measures in Case of Accidental Release

Not applicable

7. Handling and Storage

Handling:
Use protective equipment to prevent cuts when processing ALU-coated products. Do not expose the product to high temperatures.

Storage:
Store in the original packaging in a location free from ignition sources, such as open flames, cutting torches, welding equipment, electric heaters or any other source of radiant heat. Store dry and on a level surface.

Refer to the processing guidelines and technical documentation for more information.

8. Measures to Control Exposure/Personal Protection

Respiratory tract: Dust is non-hazardous. Wearing a dust mask type FFP2 or better is recommended, as is the case for all sawing and cutting work. Using an extractor is recommended when cutting mechanically in confined spaces.
Hands: Wear gloves to protect hands when touching the aluminium cladding or hot surfaces or to avoid skin irritation when coming into contact with the glass fleece cladding.
Eyes: Eye protection is recommended during mechanical sawing or to protect against any reflective (aluminium) cladding. In sunny weather, it is advised to protect the eyes with UV-resistant sunglasses.

9. Physical and Chemical Properties

Appearance:	Cream-coloured foam with various coatings
Odour:	Negligible
pH:	Neutral under normal conditions
Core density:	Typically between 27 and 35 kg/m³
Melting point:	Not applicable
Flashing point:	Not applicable

Solubility in water:	Insoluble
Solubility in organic substances:	Some liquids may cause swelling in the product

More physical properties can be found in the technical product documentation.

10. Stability and Reactivity

Stable and unreactive under normal use (see Chapter 7)

11. Toxicological Information

The product is non-toxic according to current legislation.

12. Ecological Information

The product is inert and stable in water and soil. The blowing agents used do not affect the ozone layer.

More ecological information can be found in the EPD.

13. Disposal and Dismantling

Non-hazardous waste. Dispose of in accordance with national and local regulations. Undamaged products can be assessed for reuse.

14. Transport Information

Secure the load properly and use mechanical lifting equipment when handling large volumes to prevent physical injury.

15. Legislative Information

Not applicable

16. Other Information

The information provided in this document is given in good faith and based on our current knowledge. We reserve the right to update and modify this document as necessary. The information in this sheet does not constitute a risk assessment for the workplace. While every effort is made to ensure that the information is accurate and up-to-date, it is not intended to form part of a contract or to imply any additional liability, which is expressly excluded.



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