

Product Safety Information

KOOLTHERM[®] - Kingspan Insulation Continental Europe

These products are exempt from the requirements of Article 57 and 59(1) of REACH Regulation (EC) No 1907/2006. The information below follows the SDS format as described in Annex 2 of the Regulation.

1. Identification of Products and Company

Products

Kingspan Kooltherm[®] K3 Floorboard
Kingspan Kooltherm[®] K5 External Wall Board
Kingspan Kooltherm[®] K7 Pitched Roof Board
Kingspan Kooltherm[®] K8 Cavity Wall Board
Kingspan Kooltherm[®] K10 Soffit Board
Kingspan Kooltherm[®] K12 Framing Board
Kingspan Kooltherm[®] K15 Rainscreen Board
Kingspan Kooltherm[®] K17 Insulated Plasterboard
Kingspan Kooltherm[®] K18 Insulated Plasterboard

Company

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2. Hazards identification

Not applicable.

3. Composition

Core: Rigid thermoset phenolic insulation (as defined in EN13166).
Alternative Facings: Reinforced foil complex (K15 – K17 – K18).
Composite foil (K8 – K12).
Glass tissue (K3 – K5 – K7 – K10 – K17 – K18).
Plasterboard (K17 – K18).

4. First aid measures

Inhalation:	Dust is non-hazardous. Take the person to fresh air.
Skin:	Non-sensitising. When glass facing is handled, skin irritation may occur. Wash carefully using soap and water or a proprietary cleanser to remove.
Eyes:	Dust particles should be removed by flushing with clean water.
Ingestion:	No information available.
Other:	Seek medical attention if discomfort persists.

5. Firefighting measures

It is prudent to take precautions against ignition, fire spread and smoke hazard.

Suitable media: Water spray (fog), Foam, CO₂ or dry chemical.

Unsuitable media: Not applicable.

Fire fighters should use self-contained breathing apparatus and saturate burning foam with water from a spray nozzle. Sawdust is classified as weakly explosive (St. Class 1)

6. Accidental release measures

Not applicable.

7. Handling and storage

Store in original packing in a location free from any ignition hazard such as open flames, cutting and welding torches, high surface temperature electric heaters and other forms of direct radiant heat.

Keep product protected from the elements. Ensure stability of stack and provide adequate aisle space for access between stacks.

8. Exposure controls/personal protection

Inhalation:	Dust is non-hazardous. As with all cutting procedures it is recommended that a disposable dust mask be worn. Where dust is generated through mechanical cutting in confined spaces, it is recommended that extraction be used.
Hands:	It is not necessary to wear gloves when handling the product.
Eyes:	Eye protection recommended during mechanical cutting. When installing a product with reflective foil facings in very bright or sunny weather it is advisable to wear UV protective sunglasses or goggles.
Skin:	Non-sensitising. It is not necessary to wear gloves when handling the product. When installing a product with reflective foil facings in very bright or sunny weather it is advisable to consider skin protection from UV.
Other:	Be extremely careful and follow all safety precautions when you saw insulation boards by hand or with a machine. If you need to reduce the thickness of an insulation board, we recommend that you use a thinner insulation board.

9. Physical and chemical properties

Appearance:	Pink / yellow / brown foam with reinforced foil complex, composite foil, glass tissue or plasterboard facings.
Odour:	Negligible.
pH:	Neutral under normal conditions.
Melting point:	Not applicable.
Flash point:	Not applicable.
Insulation density:	Typically 35 kg/m ³ .
Solubility in water:	Insoluble.
Solubility in organics:	Some liquids might cause swelling to the product.
Other data:	None.

10. Stability and reactivity

Stable and un-reactive during normal use (see section 7).

11. Toxicological information

No information available at this time.

12. Ecological information

The product is inert and stable in water and soil.

13. Disposal considerations

Waste insulation is non-hazardous.

Product dust created in the installation process is regarded as nuisance dust only, because of its inert nature.

Observe, if available, usual safety precautions with polythene bags, wrapping and packaging.

Clean, undamaged product may be re-used. Insulation core waste is fully recyclable.

Waste product should be disposed of in accordance with the local laws and regulations.

14. Transport information

Read this section in conjunction with section 7.

Ensure security of load and where necessary sheeting/ roping should be used.

It is recommended that mechanical lifting equipment is used when moving bulk quantities.

15. Regulatory information

Not applicable.

16. Other information

The information contained here is offered in good faith and is based on our current knowledge.

We thereby withhold the right to update and amend this document as necessary.

The information should not be taken as guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly.

The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application.

Users should visit the Kingspan Insulation website or contact the Kingspan Insulation Technical Service Department to ensure the information is current.