

# PRODUCT SAFETY INFORMATION

PRODUCT: **Kooltherm®**

Revision 1 – June 2010



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.

### Identification

Kingspan Kooltherm:

K3 Floorboard  
K5 External Wall Board  
K7 Pitched Roof Board  
K8 Cavity Wall Board  
K10 Soffit Board  
K11 Roofboard  
K12 Framing Board  
K15 Rainscreen Board  
K17 Insulated Plasterboard  
K18 Insulated Plasterboard  
Cavity Closer  
Duct Insulation  
KoolDuct

### Company

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## 2. Hazards identification.

Not applicable

## 3. Composition

**Core:** Rigid thermoset phenolic (as defined in EN13166) insulation

**Alternative Facings:** Reinforced foil complex  
Composite foil  
Bitumen coated perlite  
Glass tissue  
Plasterboard  
PVC

## 4. First-aid measures.

**Inhalation:** Dust is non-hazardous.  
Remove 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. Fire-fighting measures.

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

**Suitable media:** Waterspray (fog), Foam, CO<sub>2</sub> or Dry Chemical

**Un-suitable media:** Not applicable.

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

6. Accidental release measures.

Not applicable

7. Handling and storage.

- (i) 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.
- (ii) 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.  
Dust from timber facings may cause respiratory irritation.  
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 recommended that gloves be worn 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 recommended to wear gloves when handling the product.  
(When installing a product with reflective facings in bright sunlight, it is advisable to consider skin protection from UV).

**Other:** The product is non-load bearing.  
Access and work should not be carried out on un-supported boards.  
(K11 is load bearing in spanning applications when approved and fixed in accordance with manufacturers guidelines).

The smooth facing used on some Kooltherm products can be slippery underfoot when wet.

9. Physical and chemical properties.

**Appearance:** Pink / brown foam with reinforced foil complex or alternative facings of composite foil; bitumen coated perlite; glass tissue; plasterboard finish; PVC.

**Odour:** Negligible

**pH:** Neutral under normal conditions

**Melting point:** Not applicable

**Flash point:** Not applicable

**Insulation Density:** Typically 30-60 kg/m<sup>3</sup>

**Solubility in water:** Insoluble

**Solubility in organics:** Some liquids might cause swelling

**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 usual safety precautions with polythene bags, wrapping and packaging.

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

Clean, undamaged product may be re-used.

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 Services Department to ensure information is current.