

# Product Safety Information

## THERMA<sup>®</sup> - 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 Therma™ TP10 Pitched Roof Board  
Kingspan Therma™ TP10 Renova Pitched Roof Board  
Kingspan Therma™ TP13 Loft Board  
Kingspan Therma™ TR20 Flat Roof Board  
Kingspan Therma™ TR24 Flat Roof Board  
Kingspan Therma™ TR26 FM Flat Roof Board  
Kingspan Therma™ TR27 FM Flat Roof Board  
Kingspan Therma™ TR30 Flat Roof Board  
Kingspan Therma™ TT40 Tapered Roof Board  
Kingspan Therma™ TT46 FM Tapered Roof Board  
Kingspan Therma™ TT47 FM Tapered Roof Board  
Kingspan Therma™ TW50 Cavity Wall Board  
Kingspan Therma™ TW50 Plus Cavity Wall Board  
Kingspan Therma™ TW53 External Wall Board  
Kingspan Therma™ TW53 Plus External Wall Board  
Kingspan Therma™ TW55 Framing Board  
Kingspan Therma™ TF70 Floorboard  
Kingspan iSoEasy™ Pro  
Kingspan W'all-in-One™  
Kingspan Selthaa<sup>®</sup> Alu  
Kingspan Selthaa<sup>®</sup> Megaplus  
Kingspan Selthaa<sup>®</sup> Megaplus B

#### Company

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## 2. Hazards identification

Not applicable.

## 3. Composition

Core: Rigid thermoset urethane (PUR or PIR as defined in EN13165) insulation.  
 Alternative Facings: Composite foil (TP10 – TP10 Renova – TP13 – TR26 – TT46 – TW50 – TW50 Plus – TW55 – TF70 – iSo-Easy – Selthaan Alu)  
 Alu stucco foil (Selthaan® Megaplus, Megaplus B)  
 Bitumen coated glass tissue (TR20 – TT40 – TR24 – TR30)  
 Glass tissue (TW53 – TW53 Plus)  
 Coated glass tissue (TR24 – TR27 – TT47)  
 EPS (TW53 Plus)  
 Plywood (TR30)  
 Plasterboard (W'all-in-One™)  
 Chipboard (TP13 – iSo-Easy™)  
 Mineral Fibre (TW50 Plus)

## 4. First-aid measures

Inhalation: Dust is non-hazardous.  
 Remove the person to fresh air.  
 Skin: Non-sensitising.  
 When glass facing and mineral fibre 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. When penetrated with mineral fibre do not rub, rinse thoroughly with water and seek medical advice.  
 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: Water spray (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

Keep contamination of workplaces as low as possible (eg to careful handling of products and waste).  
 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

<b>Inhalation:</b>	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.
<b>Hands:</b>	It is recommended that gloves be worn when handling the product.
<b>Eyes:</b>	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.
<b>Skin:</b>	Non-sensitising. In case of a sensitive skin use suitable protective cream or lotion when the TW50 Plus is being used. It is recommended 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.
<b>Other:</b>	The products are non-load bearing. Access and work should not be carried out on un-supported boards. (TR30 is load bearing in spanning applications when approved and fixed in accordance with manufacturers guidelines. TP10 can be carried out as un-supported boards when approved and fixed with manufacturers guidelines). The smooth facing used on some Therma products can be slippery underfoot when wet.

## 9. Physical and chemical properties

<b>Appearance:</b>	Yellow foam with composite foil, alu stucco foil, bitumen coated glass tissue, glass tissue, coated glass tissue, EPS, plywood, chipboard, mineral fibre or plasterboard facings.
<b>Odour:</b>	Negligible.
<b>pH:</b>	Neutral under normal conditions.
<b>Melting point:</b>	Not applicable.
<b>Flash point:</b>	Not applicable.
<b>Insulation density:</b>	Typically 30 – 60 kg/m <sup>3</sup> .
<b>Solubility in water:</b>	Insoluble.
<b>Solubility in organics:</b>	Some liquids might cause swelling.
<b>Other data:</b>	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.

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 information is current.