



Kooltherm® Safety Data Sheet

1 Identification of Products and Company

Products

Kingspan Kooltherm® K8 Cavity Board
 Kingspan Kooltherm® K10 FM Soffit Board
 Kingspan Kooltherm® K12 Framing Board
 Kingspan Kooltherm® K15 Rainscreen Board
 Kingspan Kooltherm® K20 Concrete Sandwich Board
 Kingspan Kooltherm® Cavity Closer

Location of Manufacture:

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2 Hazards Identification

Classification:

Not classified as a hazardous chemical.

Label elements:

Not applicable. No hazard classifications.

Other hazards:

USA: This product conforms to the U.S. Occupational Safety and Health Administration (OSHA) Hazard Communication Standard's definition of an "Article," i.e., "...a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent ... upon its shape or design ...; and (iii) which does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees." [29 CFR 1910.1200 - 2012 (c)]

Canada: This product meets the definition of a "Manufactured Article" and under normal conditions of use, will not release or otherwise cause an individual to be exposed to a hazardous product. While this product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and under WHMIS, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

3 Composition

- Core:** Rigid thermoset phenolic (as defined in ASTM 1126) insulation.
- Alternative Facings:** Reinforced foil complex (K10, K15).
Glass tissue (K20, K3, K5, K10).

4 First-Aid Measures

- Inhalation:** Dust is non-hazardous.
Remove the person to fresh air.
- Skin:** Non-sensitising.
When facings containing glass fibers are 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, CO₂ 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 (**Information not yet available**).

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 recommended that gloves be worn when handling the products.
- 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 products.
When installing a product with reflective facings in bright sunlight, it is advisable to consider skin protection from UV.
- Other:** The products are non-load bearing.
Access and work should not be carried out on un-supported boards.
The smooth facing used on some Kooltherm products can be slippery underfoot when wet.

9 Physical and Chemical Properties

Appearance:	Gray foam with reinforced foil complex, composite foil, glass tissue or PVC facings.
Odor:	Negligible.
pH:	Neutral under normal conditions.
Melting point:	Not applicable.
Flash point:	Not applicable.
Insulation density:	Typically **Information not yet available**.
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 products are 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 Waste Hierarchy – Reduce, Re-Use, Recycle.

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.

UN Number: Not regulated as a dangerous good for transport.

UN proper shipping name: Not regulated as a dangerous good for transport.

Transport hazard class(es): Not applicable.

Packing group: Not applicable.

Environmental hazards: Not applicable.

Special precautions for user: None known.

15 Regulatory Information

Safety, health and environmental regulations / legislation specific for the substance or mixture:

OSHA: Article, Non-Hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.120 (2012).

16 Other Information

For additional product and / or MSDS information, please contact Kingspan Insulation LLC at (800) 241-4402.

Information provided by sources external to our company and set forth herein is offered in good faith as accurate, but without guarantee. Safety precautions contained herein cannot anticipate all individual and unique situations. Conditions of use and suitability of the product for particular uses are beyond our control. All risks of use of the product are, therefore, assumed by the user, and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing herein is intended as recommendation for uses which infringe valid patents or as extension of license under valid patents. Appropriate warnings and safe handling procedures should be provided to users.



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