

PRODUCT SAFETY INFORMATION

PRODUCT: **TEK Building System**[®]

Revision 2 - May 2012



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 TEK Building System

Company

Kingspan Insulation Limited
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2. Hazards identification.

Not applicable.

3. Composition.

Core: Rigid thermoset urethane (PUR as defined in EN13165) insulation

Facings: Oriented Strand Board (OSB/3) on both sides

4. First-aid measures.

Inhalation: Dust is non-hazardous.
Remove the person to fresh air.

Skin: Non-sensitising

Eyes: Dust particles should be removed by flushing with clean water.

Ingestion: For OSB - Do not induce vomiting. Obtain medical attention.

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 (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).
Dust from the OSB/3 facings should be treated as timber dust - UK Guidance note EH40 shows a Maximum Exposure Limit (MEL) of 5 mg/m³
- Hands:** It is recommended that gloves be worn when handling the product.
- Eyes:** Eye protection recommended during mechanical cutting.
- Skin:** Non-sensitising
It is recommended to wear gloves when handling the product.
- Other:** The product is load bearing in spanning applications when approved and fixed in accordance with manufacturers guidelines. Access and work should not be carried out on unsupported panels.

9. Physical and chemical properties.

Appearance:	Yellow foam core with pale brown OSB/3 board to top and bottom
Odour:	Negligible
pH:	Neutral under normal conditions
Melting point:	Not applicable
Flash point:	Not available - non flammable
Core density:	33 kg/m ³
Facing density:	640 kg/m ³
Solubility:	Insoluble
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.