



# AIR-CELL®

## Product Safety Information

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 AIR-CELL:

Glareshield XL®, Insulwhite®, Insulbreak®, Insulshed® 50, Permicav XV™, Permifloor®, Permishield®, Permiwall®, Retrosshield XL®.

#### Company

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### 2. Hazard identification

Not applicable

### 3. Composition

Flexible physically cross-linked, closed-cell polyethylene foam insulation core with composite aluminium foil facings.

### 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 advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

Due to product form and application, ingestion is considered unlikely.

#### 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.

### 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.

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).

#### Eyes:

Eye protection is 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

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 insulation.

The smooth aluminium facing used on our AIR-CELL products can become slippery underfoot when wet.



## 9. Physical and chemical properties

### **Appearance:**

Physically cross-linked, closed-cell foam insulator with aluminium foil on both sides and orange or white coating on one side.

### **Odour:**

Odourless

### **pH:**

Neutral under normal conditions

### **Flammability:**

Combustible

### **Solubility in water:**

Insoluble

### **Other data:**

None.

## 10. Stability and reactivity

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

### **Conditions to avoid:**

Avoid heat, sparks, open flames and other ignition sources.

### **Materials to avoid:**

Incompatible with hydrofluoric acid (violently), oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid) and heat.

### **Hazardous decomposition products:**

May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

## 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.

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.



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