



# Styrozone<sup>®</sup> & Purlcrete<sup>®</sup> Chevron

## 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 Product and Company

#### Product

Kingspan Styrozone<sup>®</sup> N300  
Kingspan Styrozone<sup>®</sup> H350  
Kingspan Styrozone<sup>®</sup> N500  
Kingspan Styrozone<sup>®</sup> N700  
Purlcrete<sup>®</sup> chevron

#### Company Identification

Company Name: Kingspan Insulation Limited  
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### 2 Hazards Identification

Not applicable

### 3 Composition

**Core:** Extruded polystyrene (XPS as defined in EN 13164) insulation  
**Alternative facings:** None (Styrozone<sup>®</sup>)  
Polymer fibre reinforced hydraulic cement (Purlcrete<sup>®</sup> chevron)

### 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:** No information available.  
**Other:** Seek medical attention if discomfort persists.

### 5 Fire Fighting Measures

It is prudent to take precaution against ignition, fire spread and smoke hazard.

**Suitable media:** Waterspray (fog), foam, CO<sub>2</sub> or dry chemical.

**Unsuitable media:** N/A

Firefighters 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

N/A

## 7 Handling and Storage

When the product is processed mechanically traces of propellant can be released. Monomers and other degradation products can be given off if the material is overheated; Avoid inhalation of vapour. Processing machines must be fitted with local exhaust ventilation.

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. Traces of ethanol may be released from material that is freshly produced.

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 products.
<b>Eyes:</b>	Eye protection is recommended during mechanical cutting.
<b>Skin:</b>	Non-sensitising. It is recommended to wear gloves when handling the products.
<b>Other:</b>	The products are non-load bearing. Access and work should not be carried out on unsupported boards.

## 9 Physical and Chemical Properties

- Appearance: Coloured foam on its own or bonded to alternative facings of polymer fibre reinforced hydraulic cement.
- Odour: Negligible.
- Softening Point: > 100°C (decomposes at 135°C)
- Ignition Point: Approximately 370°C
- Insulation Density: 30 – 45 kg/m<sup>3</sup>
- Solubility in Water: Insoluble
- Solubility in Other Solvents: Soluble in aromatic hydrocarbons and organic solvents.
- Other Data: None.

## 10 Stability and Reactivity

Products start to decompose at 135°C (approx.)

## 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.

## 15 Regulatory Information

N/A

## 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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