

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Phenolic Insulation
Identification of the product: Product Name: 1200*600mm Phenolic (Kooltherm K5 External Wall Board)
Product Code: PH 25-100mm

1.2 Relevant identified uses of the substance, mixture or article and uses advised against

Use: No data available

1.3 Details of the supplier of the safety data sheet

Supplier
SPS Envirowall Ltd
Unit 27 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

Not applicable.

SECTION 3 Composition/information on ingredients

Core: Rigid thermoset phenolic (as defined in EN13166) insulation.
Alternative Facings: Reinforced foil complex (K106, K110, K118, K10, K15, K17, K18, Duct Insulation).
Composite foil (K107, K108, K112, K7, K8, K12).
Glass tissue (K103, K110, K110 PLUS, K118, K3, K5, K9, K10, K10 PLUS, K17, K18, Duct Insulation).
Non-combustible building board (K110 PLUS, K10 PLUS)
Polypropylene fleece (K106)
Plasterboard (K118, K17, K18).
PVC (Cavity Closer).

SECTION 4 First aid measures

4.1 Description of first aid measures

Inhalation: Dust is non-hazardous.
Remove the person to fresh air.
Skin contact: Non-sensitising.
When facings containing glass fibres are handled, skin irritation may occur.
Wash carefully using soap and water or a proprietary cleanser to remove.
Eye contact: Dust particles should be removed by flushing with clean water.
Ingestion: No information available.
Other: Seek medical attention if discomfort persists.

SECTION 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).

SECTION 6 Accidental release measures

Not applicable.

SECTION 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.

SECTION 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.

SECTION 9 Physical and chemical properties

- Appearance:** Peach / yellow / brown foam with reinforced foil complex, composite foil, bitumen coated perlite, glass tissue, plasterboard or PVC facings.
- Odour:** Negligible.
- pH value:** Neutral under normal conditions.
- Melting point:** Not applicable
- Flash point:** Not applicable
- Insulation density:** Typically 30-60 kg/m³.
- Solubility in water:** Insoluble.
- Solubility in organics:** Some liquids might cause swelling.
- Other data:** None

SECTION 10 Stability and reactivity

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

SECTION 11 Toxicological information

No information available at this time.

SECTION 12 Ecological information

The products are inert and stable in water and soil.

SECTION 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.

SECTION 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.

SECTION 15 Regulatory information

Not applicable

SECTION 16 Other information

The information contained here is offered in good faith and is based on our current knowledge.

We hereby 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.

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