Material Safety Data Sheet

HYTHERM LI

EXTRUDED POLYSTYRENE FOAM (XPS) WITH RENDER FACING (50mm + 6mm)

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: HYTHERM LI (RENDERED XPS 50+6mm) Extruded polystyrene insulant with 6mm exposed facing

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

Thermal insulation

1.3 Details of the supplier of the safety data sheet

Supplier

AXTER LTD, West Road, Ransomes Europark, Ipswich IP3 9SX UK
Tel: +44 (0) 1473 724056, 8.00 am to 5.30 pm, Monday to Friday
Email: info@axterltd.co.uk

1.4 Emergency telephone

+ 44 1473 724056 (NOT 24HRS - 8am - 5.30pm, Monday to Friday)
In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

Section 2: Hazards identification

Not applicable.

Section 3: Composition/information on ingredients

3.1	**Core**	Extruded polystyrene (XPS as defined in EN 13164) insulation
3.2	**Alternative facings**	None

Section 4: First aid measures

4.1	**Inhalation**	Dust is non-hazardous. Remove the person to fresh air.
	Skin contact	Non-sensitising.
	Contact with eyes	Dust particles should be removed by flushing with clean water.
	Ingestion	No information available.
	Other	Seek medical attention of discomfort persists.

Section 5: Firefighting measures

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

Suitable methods of extinction
Water fog or fine spray, foam, CO_2 or dry chemical.

Unsuitable methods of extinction
N/A

5.3 **Advice for firefighters**
Fire Fighting Procedures:
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).

Section 6: Accidental release measures

Not applicable.

Section 7: Handling and storage

When the product is processed mechanically traces of propellant can be released. Monomors 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.

Section 8: Exposure controls/personal protection

8.1	**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 is recommended during mechanical cutting
	Skin	Non-sensitising. It is recommended to wear gloves when handling the products
	Other	The products are non-load bearing. Access and work should not be carried out on unsupported boards.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Coloured foam
Odour	Negligible
Softening point	> 100°C (decomposes at 135°C)
Ignition point	Approximately 370°C
Insulation density	30-45 kg/m^3
Solubility in water	Insoluble
Solubility in other solvents	Soluble in aromatic hydrocarbons and organic solvents
Other information	None

9.2

Section 10: Stability and reactivity

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

Section 11: Toxicological information

No information available.

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

N/A

Section 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 Axter Ltd website or to ensure information is current.