

Material Safety Data Sheet

HYTHERM LQ

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.

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

1.1 Product identifier

Product name: HYTHERM LQ

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

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 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: Rigid thermoset polyurethane (PIR) insulation as defined in EN 13165

3.2 Facings: Glass tissue

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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 proprietary cleanser to remove.

Contact with eyes

Dust particles should be removed by flushing with clean water

Ingestion

No information available.

Other

If any discomfort persists, seek medical attention.

Section 5: Firefighting measures

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

5.1 Extinguishing media

Suitable methods of extinction

Waterspray (fog), foam, CO₂ or dry chemical

Unsuitable methods of extinction

Not applicable.

5.2 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

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1 Conditions for safe storage, including any incompatibilities

Store in original packaging, off the ground, on a clean, flat surface and under cover 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.

Ensure stability of stack and provide adequate aisle space for access between stacks.

The polythene wrapping is not considered adequate protection for outdoor storage.

Keep product protected from the elements.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits are listed below, if they exist.

Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.

8.2 Exposure controls

Respiratory protection

PIR dust is non-hazardous.

Dust from timber, plasterboard and soffit board facings may cause respiratory irritation. As with all cutting procedures it is recommended that a dust mask be worn.

Where dust is generated through mechanical cutting in confined spaces, it is recommended that extraction be used.

Eye / face protection

Eye protection should not be necessary. During mechanical cutting safety glasses (with side shields) are recommended. Safety glasses (with side shields) should be consistent with EN 166 or equivalent. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles. Chemical goggles should be consistent with EN 166 or equivalent.

Skin protection

Non-sensitising. Appropriate gloves should be worn when handling products. When installing a product with reflective foil facings in bright sunlight, it is advisable to consider skin protection from UV.

Hand protection

Appropriate gloves should be worn when handling products.

Other protection

The products are non-load-bearing. Access and work should not be carried out on unsupported boards. The facings used on some Hytherm insulation products can be slippery underfoot when wet.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

Foam with composite foil, glass reinforced perforated cellulose, glass tissue, coated glass tissue, WBP exterior grade plywood or PVC facings.

Colour

Yellow

Odour

Negligible

pH

Neutral under normal conditions

Melting point/range

Not applicable

Freezing point

Not applicable

Insulation density

Typically 30-60 kg/m³

Flash point

Not applicable

Water solubility

Insoluble

Solubility in organics

Some liquids might cause swelling

9.2 Other information

No data available

Section 10: Stability and reactivity

Stable and un-reactive during normal use.

Section 11: Toxicological information

No information available currently.

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.

Take 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 Reduce, Re-Use, Recycle.

Waste from plasterboard and building boards should be treated as construction waste and disposed of in accordance with local or national regulations. Consult Local Authority.

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

Important notice

The information given in this safety data sheet is based on our current knowledge and experience and is not a guarantee of the properties of the product. The information should not be taken as guarantee of specific performance and users should make their own assessment and make all relevant personnel aware. It is the responsibility of the user of this product to comply with regulations and standards in force. The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application.

Restrictions

This information refers specifically to the products described and cannot be used for other products.