

**SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name: Thin-R FR/ALU, FR/MG, FR/BGM

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

Identified uses: Thermal Insulation

**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Quantum Insulation Ltd, Holland House, Valley Way, Rockingham Road

Market Harborough Leicestershire LE16 7PS

T: +44 1858 456018, F: +44 (0) 1858410572, sales@quantuminsulation.com

Further information obtainable from: [www.quantuminsulation.com](http://www.quantuminsulation.com)

**1.4 Emergency telephone number:**

During office hours tel: +44 (0) 1858410372. At all other times please contact your national poisoning centre.

**SECTION 2 Hazards identification**

No identified hazards

**SECTION 3 Composition/information on ingredients**

CORE: Rigid thermoset urethane insulation (PIR) ref EN 13165

**PRODUCT FACINGS:**

Laminate of foil/paper

Mineral coated glass

Bitumen coated glass

**SECTION 4 First aid measures****4.1 Description of first aid measures**

**After inhalation:** Dust is non-hazardous. If dust is inhaled, person should get some fresh air

**After skin contact:** Non-sensitizing.

When MG & BG are handled, some skin irritation may occur due to glass fibres

Ensure good hygiene is followed, after handling ensure skin is washed using soap/proprietary cleanser

**After eye contact:** Dust should be removed by flushing with water

**After ingestion:** No information available

**Other:** Seek medical attention if discomfort persists

**SECTION 5 Firefighting measures****5.1 Extinguishing media:**

Water-Spray (Fog), Foam, CO<sub>2</sub>, Dry Powder

**5.2 Fire and Explosion Hazards: None Identified**

Fire fighters should use SCBA gear.

Burning foam should be saturated with water.

Dust classification St Class 1 (weak explosion potential)

**SECTION 6 Accidental release measures**

Not Applicable

**SECTION 7 Handling and storage**

- Products should be stored off the ground, on a clean, flat surface and under cover.
- Products should be stored in a location free from ignition hazards and direct radiant heat.
- The polythene wrapping is not considered adequate protection for outdoor storage.
- It is recommended that suitable PPE to be used in the handling and cutting of these materials.
- To reduce dust it is recommended to use a trimming knife rather than a saw when cutting boards.

**SECTION 8 Exposure controls/personal protection**

**8.1 Control parameters**



**Protective face covering**

**Respiratory protection:**

Dust is non-hazardous.

Dust from plasterboard / plywood facings may cause respiratory irritation.

It is recommended that a dust mask is worn when cutting.

In confined areas it is recommended that extraction is used when mechanical cutting is being performed.



**Protective gloves**

**Hand protection**

It is recommended that gloves are worn when handling product



**Protective goggles**

**Eye protection**

Eye protection is recommended during mechanical cutting.

In bright sunlight, it is recommended to wear UV glasses when installing ALU/MG products



**Protective clothing**

**Skin protection**

Non- sensitizing.

To reduce the risk of cut hazard from edges of board it is advisable to wear general purpose gloves.

In bright sunlight it is recommended to wear UV skin protection when installing ALU/MG products

**Other**

This product is non-load bearing.

The facings on ALU faced products can be slippery underfoot when wet

**SECTION 9 Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

GENERAL INFORMATION	
Physical state	Board
Colour	Cream/ Buff coloured foam: either foil, mineral glass, bitumen facing
Odour	Slight, non-offensive smell
pH	Neutral
Melting point	Not applicable
Freezing point	Not applicable
Flash point	Not applicable
Product density	32kg/m <sup>3</sup>
Solubility in water	Not soluble

## 9.2 Other Information

None available

**SECTION 10 Stability and reactivity**

## 10.1 Reactivity

Product is stable and un-reactive under normal usage.

**SECTION 11 Toxicological information**

## 11.1 Information on toxicological effects

Polyisocyanurate board is non-toxic and non-irritant.

**SECTION 12 Ecological information**

## 12.1 Toxicity

Product is inert and stable in water and soil.

**13 Disposal considerations**

## 13.1 Waste treatment methods

Waste is non-hazardous

Waste product &amp; packaging should be disposed of in accordance with local laws and regulations.

**14 Transport information**

Read section 7 in conjunction with this section

Ensure load is secure before/during transit

Use mechanical lifting equipment when moving bulk quantities

**SECTION 15 Regulatory information**

Not applicable.

**SECTION 16 Other information**

The information given in this sheet is based on our current knowledge of the product.  
It is given in good faith and refers only to those products named in this document.  
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The information should not be taken as a guarantee of performance.  
Users should conduct their own assessment and make applicable staff aware accordingly.  
For further assistance contact Quantum Insulation.