

## 1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name/designation: Alumasc PIR Insulations.

### 1.2 Use of substance/preparation

Thermal insulation.

### 1.3 Manufacturer/Supplier

Supplier:  
Alumasc Building Products Ltd  
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG  
Tel: +44 (0)1744 648400  
e-mail: [technical@alumascroofing.com](mailto:technical@alumascroofing.com)

### 1.4 Manufacturer/Supplier

Emergency telephone: 01744 648 400 - (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

## 2. HAZARDS IDENTIFIER

Not classified as a hazardous material when handling or under normal use.

## 3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

### 3.1 Facings

BGT: Bitumen glass fleece on both sides.  
GTF: Perforated mineral coated glass fibre tissue.  
FF: Composite foil facings on both side.  
PIR: Polyisocyanurate fillet with torch-receivable face.

### 3.2 Core

CFC/HCFC free rigid urethane.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Skin Contact: In the event that irritation occurs wash carefully using soap or a proprietary cleanser to remove.

Eye Contact: Dust particles should be removed by flushing with clean water.

Ingestion: Seek medical attention if discomfort persists.

Inhalation: Remove the person to fresh air.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Provide fire-extinguishing equipment at both storage and installation sites:  
Suitable media – Foam, CO2 and Dry Powder.

### 5.2 Hazardous combustion products

It is prudent to take precautions against ignition, fire spread and smoke hazard.  
In fire situations beware of low visibility due to soot and avoid smoke inhalation. Smoke contains carbon monoxide and other gases which may be harmful to health if inhaled. If smoke or fumes are inhaled immediately seek fresh air and medical assistance

### 5.3 Protection of fire-fighters

Fire-fighters should use self contained breathing apparatus and saturate burning foam with water from a spray nozzle.

## 6. ACCIDENTAL RELEASE MEASURES

Not applicable.

## 7. HANDLING AND STORAGE

### 7.1 Handling

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.

### 7.2 Storage

Keep product protected from the elements and do not stack more than 2.5 metres in height. Ensure stability of stack and provide adequate aisle space for access between stacks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Inhalation

Inhalation: Dust is not normally a hazard unless mechanical cutting is used. Where dust is generated in confined spaces it is recommended that extraction be used. As with all cutting procedures it is recommended that eye protection and disposable dust mask complying with EN 149 FFP1 or FFP2 be worn. It is recommended when non-mechanical cutting is carried out that the product is cut with a trimming knife to minimise the generation of dust.

Man made mineral fibres are not classified under CHIP as hazardous, but are listed in the COSHH regulations with a maximum exposure limit of 5 mg/m<sup>3</sup>.

Hands: It is recommended that gloves be worn when handling the product.

Eyes: As with all cutting procedures it is recommended that eye protection be worn.

Skin: Glass fibre particles can be irritating to the skin and direct skin contact should be avoided. Use suitable protective clothing (e.g. long sleeved garments) when handling.

Other: The product is non load bearing in spanning applications. Access and work should not be carried out on unsupported boards.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

Supplied in board form with no significant odour. The foam element is yellow, with black facings on both sides.

### 9.2 Important health, safety and environment information

Appearance:	Light brown cellular core with black finish.
Odour:	Negligible.
pH:	Neutral.
Melting point:	Not applicable.
Flash point:	Not available – non flammable.
Foam density:	432 kg/m nominal.
Solubility:	Insoluble.
Other data:	None.

## 10. STABILITY AND REACTIVITY

Stable and un-reactive during normal use (see section 7). The products core will dissolve when in contact with some solvents, particularly those containing methyl ethyl ketone.

## 11. TOXICOLOGICAL INFORMATION

No information available at this time.

## 12. ECOLOGICAL INFORMATION

The product is inert and stable in water and soil.

## 13. DISPOSAL CONSIDERATION

Waste insulation is non-hazardous and should be disposed of regularly in a designated location without grinding or powdering in accordance with the requirements of Local Authorities and the Environmental Protection Act 1991.

Any polyurethane product dust created in the installation process is regarded as nuisance dust because of its inert nature. It is important that the accumulation of waste insulation is avoided to prevent wind dispersal.

Ensure polythene wrapping/packing is kept away from children. Observe usual safety precautions with polythene bags.

## 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 provided and used when moving bulk quantities of product in order to avoid serious physical injury.

## 15. REGULATORY INFORMATION

None applicable.

## 16. OTHER INFORMATION

No other information.

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