

Material Safety Data Sheet

Alumasc BGT PIR

Sheet No: M105FR Issued: 25/04/12
Revision: 1 1st Issue: 16/06/05
Pages: 1 of 4

1. Identification of the substrate/preparation and of the company/undertaking

1.1 Identification/Trade name: Alumasc BGT Polyisocyanurate

1.2 Use of the substance/preparation: Thermal insulation

1.3 Manufacturer/Supplier:

Alumasc Exterior Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, WA9 4JG. United Kingdom
Tel: +44 (0)1744 648400 Fax: +44 (0)1744 648401 E-mail: waterproofing@alumasc-exteriors.co.uk

1.4 Telephone number in case of emergency:
01744 648400 (Mon-Thur - 08.30-17.00 Fri - 08.30-16.00)

2. Hazards identification

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

3. Composition and information about the components

3.1 Facings:
Bitumen coated glass tissue on one side, Polypropylene fleece on the other

3.2 Core:
CFC/HCFC free rigid urethane

4. First-aid measures

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

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

4.3. Ingestion:
Seek medical attention if discomfort persists.

4.4. 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

Material Safety Data Sheet

Alumasc BGT PIR

Sheet No: M105FR Issued: 25/04/12
Revision: 1 1st Issue: 16/06/05
Pages: 2 of 4

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

6.1 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:

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/m³.

8.2 Hands:

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

8.3 Eyes:

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

8.4 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.

Material Safety Data Sheet

Alumasc BGT PIR

Sheet No: M105FR Issued: 25/04/12

Revision: 1 1st Issue: 16/06/05

Pages: 3 of 4

8.5 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

10.1 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

11.1 No information available at this time.

12. Ecological information

12.1 The product is inert and stable in water and soil.

13. Disposal considerations

13.1 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.

Material Safety Data Sheet

Alumasc BGT PIR

14. Transport information

- 14.1 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

- 15.1 None Applicable

16. Other information

- 16.1 No other information.