

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

1.1 Product identifier

Trade name/designation: Alumasc A1 Cover Board

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

Relevant identified uses: Non-combustible calcium silicate cement board for use above thermal insulation.

1.3 Supplier details

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

1.4 Emergency telephone number

Association / Organisation: National Poisons Information Service
Emergency telephone numbers: 0344 892 0111 (Healthcare professionals only)
Other emergency telephone numbers: Alumasc Building Products: +44(0) 1744 648400
(Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification in accordance with CLP Regulation (EC) No. 1272/2008 [and, accordingly, the GB CLP Regulation]
Not classified.

2.2 Label elements

Hazard pictograms, signal words, hazard statements and precautionary statements in accordance with CLP Regulation (EC) No. 1272/2008: None.

Avoid creating dust and use slow-running tools which produce only coarse dust or chips, rather than high speed machines, thus generating inhalable dust.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3. Substances

Product	CAS Number	Composition %
Portland Cement	65997-15-1	<60
Crystalline silica (Quartz)	14808-60-7	<40
Cellulose Pulp	9004-34-6	<10
Fly ash	68131-74-8	<30
Other Non- Hazardous Ingredients (Filler)	N/A	<10

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove person to fresh air.
Skin Contact: Wash the skin thoroughly with water.
Eye Contact: Flush eye immediately with water or physiological saline for at least 15 minutes. Remove any contact lenses and open eye widely. If irritation continues, seek medical advice.
Ingestion: Flush mouth thoroughly and drink plenty of water.
Information: Show this document (SDS) to the doctor or the casualty department.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

All standard fire extinguishers are suitable, using normal firefighting procedures. For reaction to fire.

Unsuitable extinguishing media:

None known.

Hazardous Decomposition Products:

Not flammable.

6. ACCIDENTAL RELEASE MEASURES

Not applicable

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Applicable only when cutting operation is carried out. For hand operations or short time and intermittent use of slow running tools in the open air, special precautions are not normally required. Avoid inhalation of dust. Care should be taken when handling boards.

7.2 Conditions for safe storage, including any incompatibilities

Pallets/boards should be stored on flat surface, in a dry, covered, frost proof and well-ventilated area. During transport the products should be covered.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

TLV: (as total dust containing no asbestos and <1 % crystalline silica) 10 mg/m³ as TWA; (ACGIH 2004). MAK: (as respirable fraction of the aerosol, without fibres) 6 mg/m³; (DFG 2004).

8.2 Exposure controls

Appropriate engineering Controls:	Do not allow dust into the environment so these controls are only applicable when cutting operations are carried out. Ensure vacuum dust exhaust with correct filter when using motorised machining tools.
Personal protection:	
Eye and face protection:	Safety goggles to EN 166 2A5 are recommended when dust is likely to occur.
Skin / Hand protection:	Wear overalls and suitable clothing to avoid repeated skin contact. To limit the effect, wear protective gloves, a barrier cream can also be applied.
Respiratory protection:	Area should have adequate ventilation and dust extraction, if not a half face mask to EN 149 Class FFP2 or a mask with dust filter type P2 (for fine dust) may be appropriate for cutting and drilling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

Physical state:	Solid	Colour	Grey
Odour:	Odourless	Relative density (Water =1):	1200 kg/m3
pH (as supplied):	8-9	Partition coefficient n-octanol / water:	Not applicable.
Melting point/freezing point (°C):	Not applicable.	Auto-ignition temperature (°C):	Not applicable.
Initial boiling point and boiling range (°C):	Not applicable.	Decomposition temperature (°C):	Not applicable.
Flash point (°C):	Not applicable.	Viscosity (cSt):	Not applicable.
Flammability:	Non-Combustible	Vapour pressure (kPa)	Not applicable.
Upper Explosive Limit (%):	Not applicable.	Solubility in water:	Insoluble
Lower Explosive Limit (%):	Not applicable.	Relative vapour density:	Not applicable.

9.2 Other information

Further Information

No additional relevant information.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable and inert.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Routes of Exposure: Lungs, gastro-intestinal tract and eyes (dust created in cutting or drilling of the boards).

Short Term Effects:

Eyes: Dust particles may cause temporary irritation and watering of the eyes.

Skin: None anticipated.

Inhalation: Dust may result in irritation of the respiratory tract.

Ingestion: Mild discomfort.

Long Term Effects: Prolonged inhalation of high concentrations of the dust may cause respiratory conditions.

12. ECOLOGICAL INFORMATION

No significant effect.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal Considerations:	Disposal of this product and its packaging must comply with all applicable environmental protection and waste disposal legislation, including any requirements set by local authorities.
Waste code:	17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

14. TRANSPORT INFORMATION

14.1 UN number or ID number

Product is not hazardous in terms of the transport regulations.

14.2 UN proper shipping name

Product is not hazardous in terms of the transport regulations.

14.3 Transport hazard class(es)

Product is not hazardous in terms of the transport regulations.

14.4 Packing group

Product is not hazardous in terms of the transport regulations.

14.5 Environmental hazards

Product is not hazardous in terms of the transport regulations.

14.6 Special precautions for user

Product is not hazardous in terms of the transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

Product is not hazardous in terms of the transport regulations.

15. REGULATORY INFORMATION

OCCUPATIONAL EXPOSURE STANDARD (OES) SHORT TERM EXPOSURE LIMIT (STEL)

Cellulose: OES 10mg/m³ total inhalable dust, 5mg/m³ respirable dust, 8-hour time weighted averages and STEL 20mg/ m³.

16. OTHER INFORMATION

SDS version summary:

Version	Date of Update	Section Updated
1.0	27/07/2026	New

The contents and format of this Safety Data Sheet comply with UK REACH and the GB CLP Regulation for Great Britain, and with Regulation (EC) No 1907/2006 (REACH) Annex II and Regulation (EC) No 1272/2008 (CLP) for Northern Ireland/EU.

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