

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

### 1.1 Product identifier

Trade name/designation: Alumasc Mineral Wool Recovery Board  
Alumasc Multi-fix (DD) Mineral Wool Insulation  
Alumasc (DD) Mineral Wool Underlay  
Alumasc Mineral Wool Angle Fillet  
Alumasc A2 Non-Combustible Upstand Board

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

Relevant identified uses: 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](mailto: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.

2.1.2 Most important effects listed in sections 9 to 12

- The mechanical effect of coarse fibres in contact with skin, throat or eyes may cause temporary itching.
- When first heated above approximately 150°C, release of binder components and binder decomposition products can occur, which in high concentrations may irritate the eyes and respiratory system.

### 2.2 Label elements

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

### 2.3 Other hazards

Other hazards which do not result in classification: dust can be generated during cutting or fabrication of the product.

## 3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

### 3. Substances

| Name                                                                                                                                                                                                                                                                                                                                                                           | EC Identification Number | Reach Registration Number | Content (% weight) | Classification, labelling and packaging (EU Regulation (CE) 1272/2008) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|--------------------|------------------------------------------------------------------------|
| Stone wool (1)                                                                                                                                                                                                                                                                                                                                                                 | 926-099-9                | 01-211-947-2313-44        | 65-100 %           | Not Classified                                                         |
| Mineral oil                                                                                                                                                                                                                                                                                                                                                                    |                          |                           | 0-0.5 %            | Not Classified                                                         |
| (1) Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Note Q conditions of CLP Regulation 1272/2008.<br>Stone wool products may be supplied with facings of aluminium foil, mineral tissue, wire mesh, etc. |                          |                           |                    |                                                                        |

### 3.2 Mixtures

| Name                                                                         | EC Identification Number | Reach Registration Number | Content (% weight) | Classification, labelling and packaging (EU Regulation (CE) 1272/2008) |
|------------------------------------------------------------------------------|--------------------------|---------------------------|--------------------|------------------------------------------------------------------------|
| Synthetic thermosetting polymer binder                                       |                          |                           |                    | Not Classified                                                         |
| Silicon oil/emulsion (2)                                                     |                          |                           |                    | Not Classified                                                         |
| (2) Silicon oil and silicon emulsion are used in certain stone wool products |                          |                           |                    |                                                                        |

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

General Information: If exposure symptoms persist, seek medical attention.

Inhalation: Remove from exposure. Rinse throat and clear dust from airways. Rest in a position comfortable for breathing.

Skin contact: Remove and wash contaminated clothing. Rinse skin with water.

Eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Seek medical attention.

Ingestion: Rinse mouth immediately and drink plenty of water.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms or effects after eye contact: May cause physical irritation upon direct contact.

### 4.3 Indication of any immediate medical attention and special treatment needed.

If adverse reaction or discomfort continues from any of the above exposures, seek medical advice.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media:

Water, Foam, Dry chemical powder, Carbon dioxide (CO2), dry powder.

#### Unsuitable extinguishing media:

None known.

### 5.2 Special hazards arising from the substance or mixture

Fire hazard: None. Stone wool insulation is rated A1 in accordance with EN 13501-1.  
Explosion hazard: Not explosive.

### 5.3 Advice for fire-fighters

No advice specific to the product. General guidance: use personal protective equipment appropriate to the prevailing conditions

## 6. ACCIDENTAL RELEASE MEASURES

The following information is relevant to both large and small spills

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Use personal protective equipment as detailed in Section 8.

#### 6.1.2 For emergency responders

Use personal protective equipment appropriate to the circumstances.

### 6.2 Environmental precautions

No environmental precautions specific to the product. General guidance: keep spills away from drains, surface and ground water.

### 6.3 Methods and materials for containment and cleaning up

#### 6.3.1 How to contain a spill

No containment techniques specific to the product. General guidance: keep spills away from drains, surface and ground water.

#### 6.3.2 How to clean-up a spill

Place waste in containers suitable for disposal. Use vacuum cleaner or dampen with water spray prior to sweeping up. Ensure good ventilation.

#### 6.3.3 Further information

No further, relevant information.

### 6.4 Reference to other sections

Refer to Section 8 (personal protection) and Section 13 (disposal).

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### 7.1.1 Recommendations for safe handling

- Avoid unnecessary handling of product once unwrapped.
- No containment techniques specific to the product. General guidance: keep spills away from drains, surface and ground water.
- Use vacuum cleaner or dampen with water spray prior to sweeping up.
- Ensure good ventilation.
- Refer to Section 8 (personal protection) and Section 13 (disposal).

#### 7.1.2 General occupational hygiene

- (a) Do not eat, drink or smoke in work areas.
- (b) Wash hands after use.
- (c) Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2 Conditions for safe storage, including any incompatibilities

- Suitable storage conditions: Where possible, store product in original packaging. Keep dry and protect against mechanical damage.
- Incompatible materials: None under normal conditions of use.
- Packaging: Products typically packed in polyethylene film, cardboard and/or on wooden pallets.

### 7.3 Specific end use(s)

Thermal insulation, acoustic insulation and fire protection in building construction applications, in accordance with supplier recommendations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 National limit values

- UK workplace exposure limit (WEL) in accordance with HSE guidance EH40:
- Long-term exposure limit (8-hr TWA reference period); 5mg/m<sup>3</sup> gravimetric measure (total inhalable dust) and 2 fibres/ml airborne fibre limit.
- Short-term exposure limit; none.
- DNEL/PNEC: Not applicable.

### 8.2 Exposure controls

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering Controls: | Ensure adequate ventilation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Personal protection:              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Eye and face protection:          | Wear safety goggles (EN 166) when working above shoulders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Skin protection:                  | (i) Hand protection: Wear protective gloves (EN 388)<br>(ii) Other: Cover exposed skin to avoid possible itching                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Respiratory protection:           | (i) Respiratory protection (general): Wear face mask (EN 149, FFP1) in confined spaces and during operations that generate any type of dust above relevant exposure limits<br>(ii) Respiratory protection (high temperature): When first heated at high temperatures not usually found in building applications (above approximately 150°C), the product binder will slowly decompose, and trace gases will be released. When high temperature appliances are first put into service, gases should be vented to control exposure to fumes or appropriate respirators used. |
| Thermal hazards                   | Not relevant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

#### 8.2.3 Environmental exposure controls

No environmental exposure controls specific to the product. General guidance: keep spills away from drains, surface and ground water.

### 8.3 Additional information

The following text are printed on product packaging:

The mechanical effect of fibres in contact with skin may cause temporary itching.

- Cover exposed skin. When working in unventilated area wear disposable face mask.
- Rinse in cold water before washing.
- Clean area using vacuum equipment.
- Ventilate working area if possible.
- Waste should be disposed of according to local regulations.
- Wear goggles when working overhead.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Important health, safety and environmental information

|                                                      |                                                    |                                                 |                                                                                |
|------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Physical state:</b>                               | Solid                                              | <b>Colour</b>                                   | Gray - green                                                                   |
| <b>Odour:</b>                                        | No distinguishable odour.                          | <b>Relative density (Water =1):</b>             | Typical density between 20 and 300 kg/m <sup>3</sup> , depending upon product. |
| <b>pH (as supplied):</b>                             | Not applicable.                                    | <b>Partition coefficient n-octanol / water:</b> | Not applicable.                                                                |
| <b>Melting point/freezing point (°C):</b>            | Not Relevant                                       | <b>Auto-ignition temperature (°C):</b>          | Not applicable.                                                                |
| <b>Initial boiling point and boiling range (°C):</b> | Not applicable.                                    | <b>Decomposition temperature (°C):</b>          | Not applicable.                                                                |
| <b>Flash point (°C):</b>                             | Not applicable.                                    | <b>Viscosity (cSt):</b>                         | Not applicable.                                                                |
| <b>Flammability:</b>                                 | Not capable of catching fire or being set on fire. | <b>Vapour pressure (kPa)</b>                    | Not applicable.                                                                |
| <b>Upper Explosive Limit (%):</b>                    | Not explosive.                                     | <b>Solubility in water:</b>                     | Insoluble in water.                                                            |
| <b>Lower Explosive Limit (%):</b>                    | Not explosive.                                     | <b>Relative vapour density:</b>                 | Not applicable.                                                                |

### 9.2 Other information

#### Further Information

No additional relevant information.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Not reactive.

### 10.2 Chemical stability

Stable under normal conditions of use.

### 10.3 Possibility of hazardous reactions

None under normal conditions of use.

### 10.4 Conditions to avoid

None under normal conditions of use.

### 10.5 Incompatible materials

None under normal conditions of use.

### 10.6 Hazardous decomposition products

When heated above approx. 150°C for the first time, release of binder decomposition products occurs. See Section 8.2.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- (a) Acute toxicity Not classified.
- (b) Skin corrosion/irritation Not classified.
- (c) Serious eye damage/irritation Not classified.
- (d) Respiratory or skin sensitisation Not classified.
- (e) Germ cell mutagenicity Not classified.
- (f) Carcinogenicity Not classified.
- (g) Reproductive toxicity Not classified.
- (h) STOT-single exposure: Not classified.
- (i) STOT-repeated exposure Not classified.
- (j) Aspiration hazard: Not classified.

### 11.2 Additional information

The mechanical effect of coarse fibres in contact with skin, throat or eyes may cause temporary itching.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

None.

### 12.2 Persistence and degradability

None.

### 12.3 Bioaccumulation potential

None.

### 12.4 Mobility in soil

None.

### 12.5 Results of PBT and vPvB assessment12.6 Endocrine disruption properties

None.

### 12.7. Other adverse effects

None.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

|                                 |                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal Considerations:</b> | 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. Stone wool insulation waste is categorised as "waste accepted at landfills for non-hazardous waste" in accordance with landfill regulations. |
| <b>Waste code:</b>              | 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

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

None.

### 14.6 Special precautions for user

None.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Safety data sheets

EU and UK regulations do not require a safety data sheet to be provided for stone wool insulation products. This Safe Use Instruction Sheet is provided to provide health and safety information in a standardised format.

#### REACH and UK REACH

No hazardous classifications are associated with stone wool insulation, with respect to physical, health and environmental considerations, in accordance with REACH Regulation (EC) No. 1907/2006; and, accordingly, in accordance with UK REACH.

Stone wool insulation products do not contain substances in concentrations >0.1% by weight on the REACH Candidate List of Substances of Very High Concern (SVHC), the REACH Annex XIV Authorization List or the REACH Annex XVII Restriction List.

#### CLP and GB CLP

No hazardous classifications are associated with stone wool insulation, in accordance with CLP Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures; and, accordingly, in accordance with the GB CLP Regulation.

### 15.2 Chemical safety assessment

Not required.

## 16. OTHER INFORMATION

### 16.1 General information

- Stone wool fibre is bio-soluble and is not suspected of being carcinogenic in accordance with CLP Regulation (EC) No. 1272/2008.
- This safe data sheet does not constitute a workplace assessment.
- The information provided represents the state of our knowledge regarding this material at the date of its publication.
- The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.
- The information relates only to the specific material designated when used in applications it has been designed for.
- This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.

### 16.2 Changes made to this document

#### SDS version summary:

| Version | Date of Update | Section Updated |
|---------|----------------|-----------------|
| 1.0     | 08/07/2026     | 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.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.