

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

1.1 Product identifier

Trade name/designation: Alumasc Void Former.

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

Relevant identified uses: Void former component for use in Blue Roofs.

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 17 4464 8400
(Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classified according to the GB CLP Regulation, as amended by UK SI 2019/720 and UK SI 2020/1567

This mixture is not classified as hazardous according to the GB CLP Regulation (as retained and amended in Great Britain).
This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2 Label elements

None.

2.3 Other hazards

The hazards of this product are mainly associated with its processing.
See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.2 Mixtures

Thermoplastic polymer (PP)

Chemical characterization.

Relevant ingredients

None (according to UK REACH Regulation).
None (according to Regulation (EC) No 1907/2006 (REACH)).

Further Information

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the GB CLP Regulation, assigned a GB workplace exposure limit, classified as PBT/vPvB under UK REACH, or included in the GB Candidate List.

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of Regulation (EC) No 1272/2008, assigned a community workplace exposure limit, classified as PBT/vPvB under EU REACH, or included in the EU Candidate List.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact:	If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
General Information:	First aider: Pay attention to self-protection. Provide adequate ventilation.
Skin contact:	The melted product can cause severe burns. Do not use force or solvents to remove product incrustations from affected skin areas. After contact with molten product, cool skin area rapidly with cold water. Consult physician.
Eyes:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Inhalation:	Provide adequate ventilation. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. Consult physician.
Ingestion:	No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Do NOT induce vomiting. Consult physician.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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

Burns caused by molten material must be treated clinically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

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

5.2 Special hazards arising from the substance or mixture

Carbon dioxide., Carbon monoxide, hydrocarbons.

5.3 Advice for fire-fighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

Additional information; In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General advice

High slip hazard because of leaking or spilled product. (Granulate)

For non-emergency personnel

No information available.

For emergency responders

No information available.

6.2 Environmental Precautions

Clean contaminated articles and floor according to the environmental legislation.

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment:

No information available.

For cleaning up

Take up mechanically. Collect in closed and suitable containers for disposal.

Other information

Treat the recovered material as prescribed in the section on waste disposal. Do not empty into drains.

6.4 Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling:

Provide adequate ventilation.

Advice on protection against fire and explosion:

Provide earthing of containers, equipment, pumps and ventilation facilities. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Dust should be exhausted directly at the point of origin. Dust can form an explosive mixture with air.

Advice on general occupational hygiene

When using do not eat, drink or smoke. Do not breathe dust.

Further information on handling

No information available.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep in a cool place. Provide adequate ventilation.

Hints on joint storage:

storage temperature: <40 °C.

Further information on storage conditions:

No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
1333-86-4	Carbon black (Inhalable Fraction)	-	3		TWA (8 h)	

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1333-86-4	Carbon Black			
Consumer DNEL, long-term		inhalation	Systemic	0,06 mg/m ³
Worker DNEL, long-term		inhalation	Systemic	1 mg/m ³

PNEC values

CAS No	Substance	value
133-86-4	Carbon Black	
Freshwater		50 mg/l

Additional advice on limit values

For some additives used in this product exposure limits exist. However, they are incorporated in the product and under normal processing conditions no exposure is to be expected.

8.2 Exposure controls

Appropriate engineering Controls:	Provide adequate ventilation as well as local exhaust at critical locations.
Personal protection:	
Eye and face protection:	Safety glasses with side shields.
Skin protection:	Only wear fitting, comfortable and clean protective clothing.
Hands protection:	Wear suitable gloves.
Respiratory protection:	Respiratory protection necessary : In the case of the formation of dust. (half-mask with filter (DIN EN 149).)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

Physical state:	solid (Granulate)	Colour	Black
Odour:	odourless	Relative density (Water = 1):	not available
pH (as supplied):	not available	Partition coefficient n-octanol / water:	not available
Melting point/freezing point (°C):	140 - 160 °C	Auto-ignition temperature (°C):	not applicable
Initial boiling point and boiling range (°C):	not applicable	Decomposition temperature (°C):	> 300 °C
Flash point (°C):	not applicable	Viscosity (cSt):	not applicable
Flammability:	No information available	Vapour pressure (kPa)	not applicable
Upper Explosive Limit (%):	not applicable	Solubility in water:	insoluble
Lower Explosive Limit (%):	not applicable		

9.2 Other information

Information with regard to physical hazard classes

Explosive properties

In the case of the formation of dust -> Dust explosive, Dust explosion category: ST 1.

Self-ignition temperature

Solid: No information available.

Oxidizing properties: Not available.

Further Information

No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Temperatures above thermal decomposition.

10.5 Incompatible materials

Oxidising agent, strong

10.6 Hazardous decomposition products

Carbon dioxide., Carbon monoxide, hydrocarbons.

Further Information

No information available.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

Based on available data, the classification criteria are not met.

ATE_{mix} calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met. Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

No information available.

Specific effects in experiment on an animal

No information available

Additional information on tests

No information available.

Practical experience

No information available.

11.2 Additional information

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Other information

No information available.

Further information

When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Based on available data, the classification criteria are not met. Insoluble in: Water.

12.2 Persistence and degradability

According to experiences this product is inert and not degradable.

12.3 Bioaccumulation potential

Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disruption properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Further information

No information available.

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. Any unwanted or non-recyclable material should be disposed of through a licensed waste disposal contractor. Transportation of such waste may be subject to ADR (International Carriage of Dangerous Goods by Road) regulations and must be managed in accordance with those requirements.
Waste code:	08 01 11* waste paint and varnish containing organic solvents or other hazardous substances.

14. TRANSPORT INFORMATION

Land transport (ADR):

14.1 UN number	No dangerous good in sense of this transport regulation
14.2 UN proper shipping name	No dangerous good in sense of this transport regulation
14.3 Transport hazard class(es)	No dangerous good in sense of this transport regulation
14.4 Packing group	No dangerous good in sense of this transport regulation
14.5 Environmental hazard	No
14.6 Special precautions for user	No dangerous good in sense of this transport regulation

Air transport (ICAO-IATA/DGR):

14.1 UN number	No dangerous good in sense of this transport regulation
14.2 UN proper shipping name	No dangerous good in sense of this transport regulation
14.3 Transport hazard class(es)	No dangerous good in sense of this transport regulation
14.4 Packing group	No dangerous good in sense of this transport regulation
14.5 Environmental hazard	No
14.6 Special precautions for user	No dangerous good in sense of this transport regulation

Sea transport (IMDG-Code/GGVSee):

14.1 UN number	No dangerous good in sense of this transport regulation
14.2 UN proper shipping name	No dangerous good in sense of this transport regulation
14.3 Transport hazard class(es)	No dangerous good in sense of this transport regulation
14.4 Packing group	No dangerous good in sense of this transport regulation
14.5 Environmental hazard	No
14.6 Special precautions for user	No dangerous good in sense of this transport regulation

Inland waterways transport (ADN):

14.1 UN number	No dangerous good in sense of this transport regulation
14.2 UN proper shipping name	No dangerous good in sense of this transport regulation
14.3 Transport hazard class(es)	No dangerous good in sense of this transport regulation
14.4 Packing group	No dangerous good in sense of this transport regulation
14.5 Environmental hazard	No
14.6 Special precautions for user	No dangerous good in sense of this transport regulation

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code

No dangerous good in sense of this transport regulation

15. REGULATORY INFORMATION

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

Regulatory information

Relevant to the Industrial Emissions Directive (Directive 2010/75/EU), as implemented in the UK through domestic Environmental Permitting Regulations. 0%

Relevant to Directive 2004/42/EC on the limitation of VOCs in paints, varnishes and vehicle refinishing products, as implemented in the UK through the Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations. 0%

16. OTHER INFORMATION

SDS version summary:

Version	Date of Update	Section Updated
1.0	17/04/2026	New Product

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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