

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

1.1 Product identifier

Trade name/designation: Alumasc CGlass Inverted Insulation.

1.2 Relevant identified uses

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

1.4 Manufacturer/Supplier

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

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified.

2.2 Labelling according to Regulation (EU) 1272/2008 [CLP]

No labelling applicable.

2.3 Other hazards

Results of PBT and vPVB assessment:
Not applicable.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.1 Substances

Inverted application - with a pre-applied inorganic coating 50 to 200mm.

3.2 Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Additional advice: First aider: Pay attention to self-protection. Concerning personal protective equipment to use, see Section 8.
Never give anything by mouth to an unconscious person.
In case of doubt or persistent symptoms, consult always a physician.
Show this safety data sheet to the doctor in attendance.
Treat symptomatically.

Inhalation: Remove person to fresh air and keep comfortable for breathing.
In case of doubt or persistent symptoms, always consult a physician.

Skin contact: Remove contaminated clothing. Gently wash with plenty of soap and water.
In case of doubt or persistent symptoms, always consult a physician.

Eye contact: Rinse immediately, carefully and thoroughly with eye-bath or water.
In case of doubt or persistent symptoms, always consult a physician.

Ingestion: Rinse mouth thoroughly with water.
Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Skin contact: Not expected to present a significant skin hazard under anticipated conditions of normal use.

Eye contact: Not expected to present a significant eye hazard under anticipated conditions of normal use.

Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂), powder, alcohol-resistant foam, waterspray.

Extinguishing media which must not be used for safety reasons:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for fire-fighters

Fire-fighting instructions:

Evacuate area. Use water spray or fog for cooling exposed containers.
Contain the extinguishing fluids by bunding.
Prevent fire-fighting water from entering the environment.

Protection during fire-fighting:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Other information:

Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Evacuate unnecessary personnel.
Keep upwind.
Provide adequate ventilation.

Wear recommended personal protective equipment. Concerning personal protective equipment to use, see Section 8.
Do not breathe dust. Avoid contact with skin, eyes and clothing.

For emergency personnel:

Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see Section 8.

6.2 Environmental Precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Stop leak if safe to do so.
Dam up the solid spill.
Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Large spills: scoop solid spill into closing containers.
This material and its container must be disposed of in a safe way, and as per local legislation.

6.4 Reference to other sections

See Sections 8 & 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation.
Use personal protective equipment as required.
Concerning personal protective equipment to use, see section 8.
Do not breathe dust.
Avoid contact with skin, eyes and clothing.
Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials.
Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time).
Avoid release to the environment.

Hygiene measures:

Keep good industrial hygiene.
Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Do not eat, drink or smoke when using this product.
Keep away from food, drink and animal feeding stuffs.
Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in Section 10.

7.3 Specific end uses(s)

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Additional information: Personal air monitoring; Room air monitoring. Recommended monitoring procedures.

8.2 Exposure controls

Engineering measure(s): Provide adequate ventilation. Organisational measures to prevent/limit releases, dispersion and exposure. Eye wash bottle with pure water. See also Section 7.

Personal protective equipment: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hand protection: Wear chemically resistant gloves (tested to EN374)

Eye protection: Use suitable eye protection. (EN166)

Body protection:	Wear suitable protective clothing.
Respiratory protection:	Effective dust mask
Thermal hazard protection:	Not required for normal conditions of use. Use dedicated equipment.
Environmental exposure controls:	Avoid release to the environment. Comply with applicable Community environmental protection legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Solid.
Appearance:	Solid.
Color:	Gray / black.
Odor:	Sulfur / slightly.
Odor threshold:	No data available.
pH:	No data available.
Relative evaporation rate (butyl acetate=1):	No data available.
Melting / freezing point:	No data available.
Freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	Not applicable.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Flammability (solid, gas):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Density:	100-200 kg/m ³ (DIN 18174).
Solubility:	Water: no data available.
Partition coefficient n-octanol/water:	No data available.
Kinematic viscosity:	No data available.
Dynamic viscosity:	No data available.
Explosive properties:	Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidizing properties:	Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with explosive properties.
Explosion limits:	No data available.

9.2 Other information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

See Sections 10.4 & 10.5.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

See Section 7.

10.5 Incompatible materials

See Section 7.

10.6 Hazardous decomposition products

See Section 5.2.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Not classified (based on available data, the classification criteria are not met).
Skin corrosion/irritation:	Not classified (based on available data, the classification criteria are not met). pH: No data available.
Serious eye damage/irritation:	Not classified (based on available data, the classification criteria are not met). pH: No data available.
Respiratory or skin sensitization:	Not classified (based on available data, the classification criteria are not met).
Germ cell mutagenicity:	Not classified (based on available data, the classification criteria are not met).
Carcinogenicity:	Not classified (based on available data, the classification criteria are not met).
Reproductive toxicity:	Not classified (based on available data, the classification criteria are not met).
STOT-single exposure:	Not classified (based on available data, the classification criteria are not met).
STOT-repeated exposure:	Not classified (based on available data, the classification criteria are not met).
Aspiration hazard:	Not classified (based on available data, the classification criteria are not met).
Other information:	Symptoms related to the physical, chemical & toxicological characteristics: For further information see Section 4.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/packaging disposal recommendations: Avoid release to the environment. Safe handling: see Section 7. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle with care. Dispose of contaminated materials in accordance with current regulations.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC):

Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

	ADR	IMDG	IATA	AND	RID
14.1 UN number	N/A	N/A	N/A	N/A	N/A
14.2 UN proper shipping name	N/A	N/A	N/A	N/A	N/A
14.3 Transport hazard class(es)	N/A	N/A	N/A	N/A	N/A
14.4 Packing group	N/A	N/A	N/A	N/A	N/A
14.5 Environmental hazards	N/A	N/A	N/A	N/A	N/A

No supplementary information available.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

15. REGULATORY INFORMATION

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

EU regulations:

Contains no REACH substances with Annex XVII restrictions.

15.2 Chemical Safety Assessment

Not required.

16. OTHER INFORMATION

Abbreviations and acronyms:

ABM:	Algemene beoordelingsmethodiek.
AND:	Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin.
ADR:	Accord européen relatif au transport international des marchandises Dangereuses par Route.
CLP:	Classification, Labelling and Packaging Regulation according to 1272/2008/EC.
IATA:	International Air Transport Association.
IMDG:	International Maritime Dangerous Goods Code.
LEL:	Lower Explosive Limit/Lower Explosion Limit.
UEL:	Upper Explosion Limit/Upper Explosive Limit.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals.
BTT:	Breakthrough time (maximum wearing time).
DMEL:	Derived Mineral Effect Level.
DNEL:	Derived No Effect Level.
EC50:	Median Effective Concentration.
EL50:	Median Effective level.
ErC50:	EC50 in terms of reduction of growth rate.
ErL50:	EL50 in terms of reduction of growth rate.
EWC:	European waste catalogue.
LC50:	Median lethal concentration.
LD50:	Median lethal dose.
LL50:	Median lethal level.
NA:	Not applicable.
NOEC:	No observed effect concentration.
NOEL:	No-observed-effect level.
NOELR:	No observed effect loading rate.
NOAEC:	No observed adverse effect concentration.

ALUMASC CGLASS INVERTED INSULATION
SAFETY DATA SHEET

Reference No: SDS-INS008
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NOAEL:	No observed adverse effect level.
N.O.S.:	Not Otherwise Specified.
OEL:	Occupational Exposure Limits.
STELs:	Short Term Exposure Limits.
PNEC:	Predicted No Effect Concentration.
QSAR:	Quantitative structure-activity relationship.
STOT:	Specific Target Organ Toxicity.
TWA:	Time weighted average.
VOC:	Volatile organic compounds.
WGK:	Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act).

The contents and format of this SDS are in accordance According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Classification according to Regulation (EC) No. 1272/2008 [CLP] Labeling according to Regulation (EC) No. 1272/2008 [CLP].

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