

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

1.1 Product identifier

Trade name/designation: Alumasc CGlass R/T3+ 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.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.1 Substances

Torch-On - glass coated with a bitumen layer and covered with a PE foil 50 to 200mm.

3.2 Mixtures

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glass, oxide, chemicals	(CAS-No.) 65997-17-3 (EC-No.) 266-046-0	> 99	Not classified

4. FIRST AID MEASURES

4.1 Description of first aid measures

General: First aider: Pay attention to self-protection. See also Section 8.
Never give anything by mouth to an unconscious person.
Show this safety data sheet to the doctor in attendance.
Treat symptomatically. In case of doubt or persistent symptoms, consult always a physician.

Inhalation: Keep at rest. Provide fresh air. Give oxygen or artificial respiration if necessary.
In case of doubt or persistent symptoms, always consult a physician.

Skin contact: Remove contaminated clothing and shoes. Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists: Get medical advice/attention.

Ingestion: Do NOT induce vomiting. Rinse with water.
Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No adverse effects are expected. May be irritating.
Skin contact: No adverse effects are expected. May be irritating.
Eye contact: May be irritating.
Symptoms/injuries after ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water spray, alcohol resistant foam, carbon dioxide, dry extinguishing powder.

Extinguishing media which must not be used for safety reasons:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

The product itself does not burn. Not combustible. Class A1 (EU No. L267/23 dd. 19/10/1996).

5.3 Advice for fire-fighters

Special protective equipment for firefighters.

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

Use water spray or fog for cooling exposed containers.

Evacuate personnel to a safe area.

Provide adequate ventilation.

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:

Provide adequate ventilation.

Use personal protective equipment as required.

Concerning personal protective equipment to use, see Section 8.

Stop leak if safe to do so.

Avoid contact with eyes.

Do not breathe vapours/dust.

For emergency personnel:

Ensure procedures and training for emergency decontamination and disposal are in place.

Use personal protective equipment as required.

Concerning personal protective equipment to use, see Section 8.

6.2 Environmental Precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Provide adequate ventilation.

Stop leak if safe to do so.

Keep in suitable, closed containers for disposal.

Dispose of contaminated materials in accordance with current regulations.

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.
Avoid dust formation.
Avoid contact with eyes.
Do not breathe vapours/dust.
Ensure equipment is adequately grounded.

Hygiene measures:

Keep good industrial hygiene.
Wash hands and face before breaks and immediately after handling of the product.
When using do not eat, drink or smoke.
Take off contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place.
Keep only in the original container.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3 Specific end uses(s)

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Glass, oxide, chemicals (65997-17-3)		
Belgium	Limit value (mg/m ³)	10 mg/m ³ (dust and fiber)

DNEL: Not required.
PNEC: Not required.
Additional information: Personal air monitoring: Room air monitoring. Recommended monitoring procedures.

8.2 Exposure controls

Engineering measure(s): Provide adequate ventilation. Eye wash bottle with pure water. Organisational measures to prevent /limit releases, dispersion and exposure. 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: Protective gloves (EN374). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection: Safety glasses with side-shields (EN 166).

Body protection: Use personal protective equipment as required.

Respiratory protection: Not required for normal conditions of use. Effective dust mask.

Thermal hazard protection:	Not required for normal conditions of use.
Environmental exposure controls:	Avoid release to the environment. Comply with applicable 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:	None / slight.
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):	Not combustible.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Specific gravity / density:	100 - 200 kg/m ³ (DIN 131 67).
Solubility:	Insoluble. Water: insoluble.
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 additional information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

See Section 10.5.

10.2 Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

No information available. Also see Section 7.

10.5 Incompatible materials

No information available. Also see Section 7.

10.6 Hazardous decomposition products

None known.

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).
Specific target organ toxicity – 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: Reference to other sections: 4.2.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecological injuries are not known or expected under normal use.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulation potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Other adverse effects

No additional information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/packaging disposal recommendations:	Handle with care. Safe handling: see Section 7. Refer to manufacturer/ supplier for information on recovery/recycling. Dispose of contaminated materials in accordance with current regulations.
Additional information:	Delivery to an approved waste disposal company.
Further ecological information:	Do not allow to enter into surface water or drains.
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	No	No	No	No	No

No supplementary information available.

14.6 Special precautions for user

No data available.

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

Not applicable.

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.
Contains no REACH candidate substance.
Contains no REACH Annex XIV substances.

15.2 Chemical Safety Assessment

Not required.

16. OTHER INFORMATION

Abbreviations and acronyms:

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.
DNEL:	Derived No Effect Level.
LD50:	Median lethal dose.
N.O.S.:	Not Otherwise Specified.
PNEC:	Predicted No Effect Concentration.
STEL:	Short term exposure limit.
TLV:	Threshold limits.
TWA:	time weighted average.
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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