

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

1.1 Product identifier

Trade name/designation: Derbitech HD Polymer Sealant.

1.2 Relevant identified uses

Industrial and professional uses.

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]

EUH210.

2.3 Other hazards which do not result in classification

PBT/vPvB:
Information not available.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.1 Substances

Eco-friendly fast curing sealant.

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. 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.
Inhalation:	Provide fresh air. Put victim at rest, cover with a blanket and keep warm. In case of doubt or persistent symptoms, consult always a physician.
Skin contact:	Take off immediately all contaminated clothing. Wash skin with mild soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Eye contact:	Rinse immediately with plenty of water for at least 15 minutes. In case of doubt or persistent symptoms, consult always a physician.

Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

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 contact 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

In case of doubt or persistent symptoms, consult always a physician. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder.

Unsuitable extinguishing media:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Special hazards:

Evacuate personnel to a safe area. When heated to decomposition, emits toxic fumes. Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

Hazardous decomposition products in case of fire:

Toxic fumes. Carbon oxides (CO, CO₂).

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. No smoking. Remove all sources of ignition.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Use personal protective equipment as required. Reference to Sections 8. Evacuate personnel to a safe area. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from sources of ignition - No smoking.

For emergency responders:

Ensure procedures and training for emergency decontamination and disposal are in place. Reference to 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. Take up liquid spill into absorbent material, e.g. sand, earth, vermiculite or powdered limestone. Collect in closed and suitable containers for disposal. Remove from the water surface (e.g. skimming, sucking). 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

Precautions for safe handling:

Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see Section 8. Avoid contact with skin, eyes and clothing. Do not breathe vapour/aerosol. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not smoke. After use replace the closing cap immediately. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Do not allow to enter into surface water or drains. Take any precaution to avoid mixing with combustibles.

Hygiene measures:

Use only in area provided with appropriate exhaust ventilation. Wash hands and face before breaks and immediately after handling of the product. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Keep good industrial hygiene.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No data available.

8.2 Exposure controls

Engineering measure(s):	Provide adequate ventilation. Provide sufficient air exchange and/or exhaust in workrooms. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Take precautionary measures against static discharges. Organisational measures to prevent /limit releases, dispersion and exposure. Reference Section 7.
Personal protective equipment:	Choose body protection according to the amount and concentration of the dangerous substance at the workplace.
Materials for protective clothing:	Wear suitable protective clothing.
Hand protection:	Repeated or prolonged exposure: Protective gloves complying with EN 374. 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. Suitable material: Nitrile rubber, natural rubber gloves, Polyvinylalcohol (PVA).
Eye protection:	During splash contact: Wear eye protection. Chemical goggles or safety glasses.
Body protection:	Wear suitable protective clothing.
Respiratory protection:	Usually no personal respiratory protection necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Full face mask (EN 136) (EN136). Half-face mask (DIN EN 140) (EN140). Filter type: A (EN141).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Paste.
Colour:	No data available.
Odour:	Characteristic.
Odour threshold:	No data available.
pH:	No data available.
Relative evaporation rate (butylacetate=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:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	200-250°C.
Flammability (solid, gas):	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Relative density:	No data available.
Density:	1,4 g/cm ³ (20°C).
Solubility:	No data available. 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.
Oxidising 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 oxidising properties.

9.2 Other information

VOC content: 0%.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Handling and storage. Reference Section 7.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Hazardous decomposition products due to incomplete combustion. Carbon monoxide.

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).
Serious eye damage/irritation:	Not classified (Based on available data, the classification criteria are not met).
Respiratory or skin sensitisation:	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 adverse effects:	No information available.
Other information:	Symptoms related to the physical, chemical and toxicological characteristics. Reference to Section 4.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Environmental properties: Ecological injuries are not known or expected under normal use.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/packaging disposal recommendations:	Do not allow to enter into surface water or drains. Dispose of contaminated materials in accordance with current regulations. Refer to manufacturer/supplier for information on recovery/recycling. Collect and dispose of waste product at an authorised disposal facility.
Additional information:	Delivery to an approved waste disposal company.
Further ecological information:	Avoid release to the environment.
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. The following Waste Codes are only suggestions: 08 04 10 / 15 01 01 / 15 01 02.

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

14.6 Special precautions for user

Special precautions for user:	Not applicable.
Overland transport:	Not applicable.
Transport by sea:	No data available.
Air transport:	No data available.
Inland waterway transport:	No data available.
Rail transport:	Not applicable.

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 substance on the REACH candidate list.
Contains no REACH Annex XIV substances.

VOC content: 0%.

France:

Installations classées: Not applicable.

Germany:

Reference to AwSV: Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).

German storage class (LGK): LGK 12 - Non-combustible liquids.

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance).

Netherlands:

Waterbezwaarlijkheid: 11 - Weinig schadelijk voor in het water levende organismen (B).

15.2 Chemical Safety Assessment

Not required.

16. OTHER INFORMATION

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.

DERBITECH HD POLYMER SEALANT
SAFETY DATA SHEET

Reference No: SDS-ACC005
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EC50:	Median Effective Concentration.
LC50:	Median Lethal Concentration.
LD50:	Median Lethal Dose.
TLV:	Threshold Limits.
TWA:	Time Weighted Average.
STEL:	Short Term Exposure Limit.
N/A:	Not Applicable.
PBT:	Persistent, Bioaccumulating and Toxic.
vPvB:	Very Persistent and Very Bioaccumulating.
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] Labelling according to Regulation (EC) No. 1272/2008 [CLP].

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