

Safety Data Sheet

Derbiseal S

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1. Identification of the substrate/preparation and of the company/undertaking

1.1. Product identifier

Trade name/designation : Derbiseal S

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

Main use category : Industrial uses

1.3. Manufacturer/Supplier

Supplier:

Alumasc Exterior Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, WA9 4JG. United Kingdom
Tel: +44 (0)1744 648400 E-mail: roofing@alumasc-exteriors.co.uk

Manufacturer:

IMPERBEL SA, Bergensesteenweg 32, B-1651 LOT - BRUSSELS - BELGIUM
Tel : +32 2 334 87 00 Fax : +32 2 378 14 69 Email: infoint@derbigum.com

1.4. Emergency telephone number

Emergency telephone : + 32 3 575 55 55 (24h/24h)

UNITED KINGDOM

National Poisons Information Service
(Newcastle Centre) 0870 600 6266 (UK only)

IRELAND (REPUBLIC OF)

National Poisons Information Centre
Beaumont Hospital +35 318 37 99 64

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2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EU) 1272/2008

CLP-Classification : This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Flam. Liq. 3 H226
STOT SE 3 H336
Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

2.2. Label elements

2.2.1. Labelling according to Regulation (EU) 1272/2008

Hazard pictograms

:



GHS02



GHS07

Signal word

: Warning

Contains

: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,

Hazard statements

: H226 - Flammable liquid and vapor.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.

Extra phrases

: EUH066 - Repeated exposure may cause skin dryness or cracking.

2.2.2 Other hazards

Other hazards

: Results of PBT and vPvB assessment:

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This information is not available.

3. Composition and information about the components

3.1. Substances:

Not applicable

3.2. Mixtures:

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%	(CAS No.) - (EC No) 927-241-2 (EC Index) - (REACH-no) 01-2119471843-32-xxxx	5 - 10	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	(CAS No.) - (EC No) 920-750-0 (EC Index) -	5 - 10	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Fatty acids, tall-oil, compds. with (Z)-N-9-octadecenyl-1,3-propanediamine (2:1)	(CAS No.) 91845-13-5 (EC No) 295-184-4 (EC Index) -	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

Full text of H-phrases: see section 16

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4. First-aid measures

4.1. Description of first aid measures

Inhalation:	Provide fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Get medical advice/attention.
Skin contact:	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Wash off with warm water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash contaminated clothing before reuse
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion:	Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Get medical advice/attention.
Additional advice:	First aider: Pay attention to self-protection! See also section 8. Never give anything by mouth to an unconscious person or a person with cramps. Show this safety data sheet to the doctor in attendance. Treat symptomatically.

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

Inhalation	:	No information available Vapours may cause drowsiness and dizziness. May cause respiratory irritation.
Skin contact	:	Repeated exposure may cause skin dryness or cracking.
Eye contact	:	May be irritating.
Ingestion	:	Gastrointestinal discomfort.
Other adverse effects	:	No information available.

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

When in doubt or if symptoms are observed, get medical advice.

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5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which shall not be used for safety reasons : Strong water jet

5.2. Special hazards arising from the substance or mixture

Fire hazard: Flammable liquid and vapour.

Specific hazards: In use, may form flammable/explosive vapour-air mixture.
Vapours are heavier than air and may spread along floors.
Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.
Do not allow run-off from fire-fighting to enter drains or water courses. Dispose according to legislation.
Hazardous decomposition products: COx.

5.3. Advice for firefighters

Advice for firefighters: Special protective equipment for firefighters. .
Wear self-contained breathing apparatus and protective suit.
Use water spray jet to protect personnel and to cool endangered containers.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Use personal protective equipment as required.
See also section 8.
Evacuate area.
Avoid contact with skin, eyes and clothes.
Do not breathe vapor/spray.
Provide adequate ventilation.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Ensure that the equipment is adequately grounded.

For emergency responders : Only qualified personnel equipped with suitable protective equipment may intervene.
See also section 8.

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6.2. Environmental precautions

Environmental precautions: Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so.
Dam up.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed and suitable containers for disposal.
Dispose according to legislation.

6.4. Reference to other sections

See also section 8.
See also section 13.

7. Handling and storage

7.1. Precautions for safe handling

Handling: Provide adequate ventilation.
Use personal protective equipment as required.
See also section 8.
Avoid contact with skin, eyes and clothes.
Do not breathe vapour/spray.
Ensure that the equipment is adequately grounded.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not smoke.
After use replace the closing cap immediately.
Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH value, time).
Do not allow to enter into surface water or drains.
Take any precaution to avoid mixing with incompatible materials.

Advices on general occupational hygiene: 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.

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7.2. Conditions for safe storage, including any incompatibilities

Storage: Storage of flammable liquids.
Do not store near or with any of the incompatible materials listed in section 10.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed in a cool, well-ventilated place.
Ensure that the equipment is adequately grounded.

Packaging material: Do not pierce or burn, even after use.
Do not burn, or use a cutting torch on, the empty drum.
Never use pressure to empty container.
Keep/Store only in original container.

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values : No formal limits available

8.2. Exposure controls

Personal protective equipment: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection: Not required under normal use.
In case of insufficient ventilation, wear suitable respiratory equipment.
Respirator with a full face mask (EN136).
Respirator with a half face mask (EN140).
Recommended Filter type: A (EN141).

Hand protection: In case of repeated or prolonged contact wear gloves Protective gloves complying with 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: During splash contact: Wear eye glasses with side protection according to EN 166.

Body protection: Wear suitable protective clothing, gloves and eye/face protection.

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Engineering control measures:	Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. A washing facility/water for eye and skin cleaning purposes should be present. Take precautionary measures against static discharges. Organisational measures to prevent /limit releases, dispersion and exposure See also section 7.
Environmental exposure controls:	Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	: Viscous liquid
Colour	: Black
Odour	: Hydrocarbon-like
Boiling point/boiling range	: 108 °C
Flash point	: 23 °C
Evaporation rate	: No data available
Vapour pressure	: 40 hPa (@20 °C)
Vapour density	: No data available
Relative density	: 1,1
Water solubility	: Insoluble
Auto ignition temperature	: > 300 °C
Viscosity	: 45 mm ² /s (40 °C wintergrade) 125 mm ² /s (40 °C summergrade)
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 oxidising properties.

9.2. Other information

No data available

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10. Stability and reactivity

10.1. Reactivity

Reactivity: Flammable liquid and vapour.
See also section 10.5

10.2. Chemical stability

Stability: The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: No data available

10.4. Conditions to avoid

Conditions to avoid: Heat, flames and sparks.
See also section 7:
Handling and storage.

10.5. Incompatible materials

Incompatible materials: No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products: When heated to decomposition, emits dangerous fumes
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/eye 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.)

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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.)
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness. Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics,
Specific target organ toxicity	: Not classified (Based on available data, the classification (repeated exposure) 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 and toxicological characteristics, see section 4.2.

12. Ecological information

12.1. Toxicity

Toxicity : Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability : No data available

12.3. Bio accumulative potential

Bioaccumulation : No data available

12.4. Mobility in soil

Mobility : No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB : No information available.

12.6. Other adverse effects

Other information : Do not allow contact with soil, surface or ground water.

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13. Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products:	Handle with care. See also section 7: Handling and storage Dispose according to legislation. Where possible recycling is preferred to disposal or incineration. Collect and dispose of waste product at an authorised disposal facility.
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Additional ecological information: List of suggested waste codes/waste designations in accordance with the EWC:	Do not allow to enter into surface water or drains. Classified as hazardous waste according to European Union regulations. The following Waste Codes are only suggestions: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. Transport information

14.1. UN number

UN-No. : 3295

14.2. UN proper shipping name

Proper Shipping Name : HYDROCARBONS, LIQUID,N.O.S
Proper shipping name IATA/IMDG : HYDROCARBONS, LIQUID,N.O.S

14.3. Transport hazard class(es)

14.3.1. Overland transport

Class : 3 - Flammable liquid
Hazard identification number (Kemler No.) : 30
Classification code : F1
ADR/RID-Labels : 3 - Flammable liquid



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14.3.2. Inland waterway transport (ADN)

Class (UN) : 3

14.3.3. Transport by sea

Class or Division : 3 - Flammable liquids

14.3.4. Air transport

Class or Division : 3 - Flammable liquids

14.4. Packing group

Packing group : III

14.5. Environmental hazards

Other information : No supplementary information available.

14.6 Special precautions for user

Special precautions for user : Emergency action : Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. Keep public away from danger area. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

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

No data available

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15. Regulatory information

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

15.1.1. EU-Regulations

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC : none

Authorisations : not applicable

15.1.2. National regulations : None

15.2. Chemical safety assessment

Chemical Safety Assessment : Not required
For the following substances of this mixture a chemical safety assessment has been carried out:
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

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16. Other information

Full text of R-, H- and EUH-phrases:

Aquatic Acute 1	:	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 2	:	Hazardous to the aquatic environment - chronic hazard category 2
Aquatic Chronic 3	:	Hazardous to the aquatic environment - chronic hazard category 3
Asp. Tox. 1	:	Aspiration hazard, Category 1
Eye Dam. 1	:	Serious eye damage/eye irritation Category 1
Flam. Liq. 2	:	Flammable liquids, Category 2
Flam. Liq. 3	:	Flammable liquids, Category 3
Skin Irrit. 2	:	Skin corrosion/irritation, Category 2
STOT SE 3	:	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	:	Highly flammable liquid and vapour.
H226	:	Flammable liquid and vapour.
H304	:	May be fatal if swallowed and enters airways.
H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H336	:	May cause drowsiness or dizziness.
H400	:	Very toxic to aquatic life.
H411	:	Toxic to aquatic life with long lasting effects.
H412	:	Harmful to aquatic life with long lasting effects.

Key literature references and sources for data European Chemicals Bureau (<http://esis.jrc.ec.europa.eu>)
SDS from supplier

Other information : Calculation method, CLP : Article 9

Abbreviations and acronyms:

ATE	=	Acute Toxicity Estimate
CLP	=	Classification, Labelling and Packaging Regulation according to 1272/2008/EC
DMEL	=	Derived Minimal Effect Level
DNEL	=	Derived No Effect Level
IATA	=	International Air Transport Association
IMDG	=	International Maritime Dangerous Goods Code
LEL	=	Lower Explosive Limit/Lower Explosion Limit
UEL	=	Upper Explosive Limit/Upper Explosion Limit
REACH	=	Registration, Evaluation, Authorisation and Restriction of Chemicals
RRN	=	REACH Registration Number
EC50	=	Median Effective Concentration
LC50	=	Median lethal concentration
LD50	=	Median lethal dose
TLV	=	Threshold Limits
TWA	=	Time Weighted Average
STEL	=	Short Term Exposure Limit
NA	=	Not Applicable
PBT	=	Persistent, Bio accumulating and Toxic
vPvB	=	Very Persistent and Very Bioaccumulative

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The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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