

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

1.1 Product identifier

Trade name/designation: Alumasc Diluted Bitumen Primer.

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

Identified uses: Diluted bitumen primer.

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/GHS]:

EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411.

2.2 Labelling according to Regulation (EU) 1272/2008

Hazard pictures:



Signal word: Danger.

Hazard phrases: EUH066: Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3: H226: Flammable liquid and vapour.
Asp. Tox. 1: H304: May be fatal if swallowed and enters airways.
STOT SE 3: H336: May cause drowsiness or dizziness.
STOT RE 1: H372: Causes damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2: H411: Toxic to aquatic life with long lasting effects.

Precautionary phrases prevention: P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting// equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary phrases response:	P301+P310: IF SWALLOWED: Immediately call a doctor. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312: Call a doctor if you feel unwell. P314: Get medical advice/attention if you feel unwell. P331: Do NOT induce vomiting. P370+P378: IN CASE OF FIRE: Use to extinguish. P391: Collect spillage.
Precautionary phrases storage:	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P403+P235: Store in a well-ventilated place. Keep cool. P405: Store locked up.
Precautionary phrases disposal:	P501: Dispose of contents/container to licensed waste disposal site.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.1 Substances

Pre-diluted solvent based primer.

3.2 Mixtures

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White spirit)	64742-82-1		919-446-0	01-2119458049-33	70 - 80%	EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;
Bitumen	64742-93-4		265-196-4	01-2119498270-36	20 - 30%	

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact:	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact:	Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
Ingestion:	Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Eye contact:	May cause irritation to eyes.
Skin contact:	May cause degreasing of the skin. May cause irritation to skin.
Ingestion:	Ingestion may cause nausea and vomiting.
General information:	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use foam, carbon dioxide, dry powder, sand or earth.

5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for fire-fighters

Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing.

6.2 Environmental Precautions

Do not flush into surface water. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

6.4 Reference to other sections

See Sections 13, 14 & 2.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes and skin.
Ensure adequate ventilation of the working area.
Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.
Keep in a cool, dry, well ventilated area.
Store in correctly labelled containers.

7.3 Specific end uses(s)

See Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limit values:

Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White spirit)	WEL 8-hr limit ppm:	-	WEL 8-hr limit mg/m3:	350
	WEL 15 min limit ppm:	-	WEL 15 min limit mg/m3:	-
	WEL 8-hr limit mg/m3 total Inhalable dust:	-	WEL 15 min limit mg/m3 total Inhalable dust:	-
	WEL 8-hr limit mg/m3 total Respirable dust:	-	WEL 15 min limit mg/m3 total Respirable dust:	-

DNEL:

Derived no-effect level.

Exposure pattern-workers:

Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling	Acute inhalation - Systemic 570 mg/m ³ effects Long-term - inhalation - Systemic 330 mg/m ³ effects Long-term - dermal - Systemic 44 mg/kg effects
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Exposure pattern-general population:

Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling	Acute inhalation - Systemic 570 mg/m ³ effects Long-term - inhalation - Systemic 71 mg/m ³ effects Long-term - oral - Systemic 26 mg/kg effects Long-term - dermal - Systemic 26 mg/kg effects
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8.2 Exposure controls



Ensure adequate ventilation of the working area.

Wear suitable protective clothing, suitable eye protection & chemical resistant gloves (PVC).

In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

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9.2 Important health, safety and environmental information

Appearance:	Liquid.
Colour:	Black.
Odour:	Characteristic.
Initial boiling boil:	≥ 150°C.
Flash point:	≥ 39°C.
Solubility:	Insoluble in water.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Oxidising agents.

10.4 Conditions to avoid

Heat, sparks and open flames.

10.5 Incompatible materials

Oxidising agents.

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10.6 Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation:	May cause irritation to skin.
Serious eye damage/irritation:	May cause irritation to eyes.
Respiratory or skin sensitization:	No sensitization effects reported.
Germ cell mutagenicity:	No mutagenic effects reported.
Carcinogenicity:	No carcinogenic effects reported.
Reproductive toxicity:	No teratogenic effects reported.
Repeated or prolonged exposure:	Repeated or prolonged exposure may cause damage to liver, kidneys and central nervous system.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Not readily biodegradable.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This product does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

General information:

Contact a licensed waste disposal company. 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances. 17 03 02 bituminous mixtures other than those mentioned in 17 03 01.

Disposal of packaging:

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Contact a licensed waste disposal company. 15 01 10* packaging containing residues of or containing by dangerous substances.

14. TRANSPORT INFORMATION



Hazard pictures:

14.1 UN number

UN1999.

14.2 UN proper shipping name

TARS, Liquid.

14.3 Transport hazard class(es)

ADR:	3.
Subsidiary risk	-
IMDG:	3.
Subsidiary risk	-
IATA:	3.
Subsidiary risk	-

14.4 Packing group

III.

14.5 Environmental hazards

Environmental hazards	Yes.
Marine pollutant:	Yes.

ADR/RID:

Hazard ID:	30.
Tunnel category:	(D/E).

IMDG:

EmS code:	F-E-S-E.
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IATA:

Packaging instruction (cargo):	366.
Maximum quantity:	220l.
Packing instruction (passenger):	355.
Maximum quantity:	60l.

15. REGULATORY INFORMATION

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

This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation).

15.2 Chemical Safety Assessment

Not required.

16. OTHER INFORMATION

H-statements:

EUH066:	Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3: H226:	Flammable liquid and vapour.
Asp. Tox. 1: H304:	May be fatal if swallowed and enters airways.
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