

SAFETY DATA SHEET
according to Regulation (EU) 2015/830

Arc Trowel Mastic

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Arc Trowel Mastic
--------------	-------------------

1.3. Details of the supplier of the safety data sheet

Company	Arc Building Products
Address	IDA Business & Technology Park Ballynattin Arklow Co. Wicklow Ireland. Y14 A370
Web	www.arcbuildingproducts.ie
Telephone	T: +353 (0)402 32370
Email	E: sales@arcbuildingproducts.ie

1.4. Emergency telephone number


Emergency telephone number	+353 (0)402 32370
Company	Arc Building Products (Office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	STOT RE 2: H373; Aquatic Chronic 3: H412;
--------------------------------------	---

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment.
Precautionary Statement: Response	P314 - Get medical advice/attention if you feel unwell.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to licensed waste disposal site
SUPPLEMENTAL HAZARD INFORMATION	"Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)" reference to be included on product label.

Arc Trowel Mastic

Revision 5

Revision date 2021-11-26

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides		68391-05-9	269-924-1	01-2119486994-16	0 - 0.5%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;
Limestone (Calcium carbonate)		1317-65-3	215-279-6		30 - 40%	
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	0 - 0.5%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			919-446-0	01-2119458049-33	1 - 10%	: EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)			919-006-8	01-2119455996-19	1 - 10%	Asp. Tox. 1: H304; Aquatic Chronic 4: H413;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No first aid requirements.
Eye contact	Rinse immediately with plenty of water.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Inhalation	No known adverse health effects.
Eye contact	May cause irritation to eyes.
Skin contact	May cause degreasing of the 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.
--	--

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Do NOT use water jet. 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 firefighters

	In confined spaces, fire-fighters should wear self-contained breathing equipment apparatus and protective clothing.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and eye/face protection.
--	--

6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains. Do not flush into surface water. Prevent further
--	---

Arc Trowel Mastic

Revision 5

Revision date 2021-11-26

6.2. Environmental precautions

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

SECTION 13: Disposal considerations. SECTION 14: Transport information. SECTION 2: Hazards identification.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke.

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.

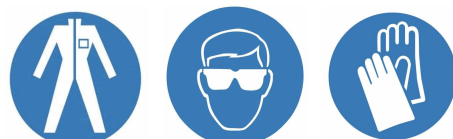
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	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:
Limestone	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: 10	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: 4	WEL 15 min limit mg/m3 total respirable dust: -
Limestone (Calcium carbonate)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: 10	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: 4	WEL 15 min limit mg/m3 total respirable dust: -
Limestone (Marble)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: 10	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: 4	WEL 15 min limit mg/m3 total respirable dust: -

8.2. Exposure controls



Arc Trowel Mastic

Revision 5

Revision date 2021-11-26

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Wear: Safety glasses. Eye protection conforming to EN166.
Skin protection - Handprotection	Wear: Chemical resistant gloves (PVC). It is recommended that chemical-resistant, impervious gloves conforming with EN374 are worn. It is recommended a glove with breakthrough time >30 min is specified albeit end users should undertake their own risk assessment in accordance with their intended use of the product.
Respiratory protection	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	Black
Odour	Slight
Initial boiling point	≥ 153 °C
Flash point	≥ 220 °C
Upper Explosive Limit	Not determined
Lower Explosive Limit	Not determined
Autoignition temperature	≥ 200 °C
Viscosity	Not determined
Solubility	Insoluble in water

9.2. Other information

VOC (Volatile organic compounds)	≤ 93.5 g/l
----------------------------------	------------

SECTION 10: Stability and reactivity

10.1. Reactivity

	Not reactive.
--	---------------

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

10.3. Possibility of hazardous reactions

	Under normal conditions of storage and use, hazardous reactions will not occur.
--	---

10.4. Conditions to avoid

	Heat, sparks and open flames. Oxidising agents. Keep only in the original container at a temperature not exceeding 30 °C. Do NOT allow to freeze.
--	---

10.5. Incompatible materials

	Oxidising agents. Keep away from food, drink and animal feedingstuffs.
--	--

10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke. Carbon dioxide (CO ₂). Carbon oxides. may be formed in fire conditions.
--	--

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.

Arc Trowel Mastic

Revision 5
Revision date 2021-11-26

11.1. Information on toxicological effects

Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	No sensitization effects reported. Based on available data, the classification criteria are not met.
Germ cell mutagenicity	No mutagenic effects reported. Based on available data, the classification criteria are not met.
Carcinogenicity	No carcinogenic effects reported. Based on available data, the classification criteria are not met.
Reproductive toxicity	No teratogenic effects reported. Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .
Aspiration hazard	Based on available data, the classification criteria are not met.
Repeated or prolonged exposure	Repeated or prolonged exposure may cause damage to liver, kidneys and central nervous system. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .

11.1.4. Toxicological Information

	No data available
--	-------------------

SECTION 12: Ecological information

12.1. Toxicity

	No data available
--	-------------------

12.2. Persistence and degradability

	Not readily biodegradable.
--	----------------------------

12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

12.4. Mobility in soil

	No data is available on this product.
--	---------------------------------------

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.
--	---

SECTION 13: Disposal considerations

General information

	Contact a licensed waste disposal company. 17 03 02 bituminous mixtures other than those mentioned in 17 03 01. This material and its container must be disposed of as hazardous waste.
--	---

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.
--	---

SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
--	--

14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
--	--

14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
--	--

14.4. Packing group

Arc Trowel Mastic

Revision 5

Revision date 2021-11-26

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations

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.

Further information

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.

This product does not contain SVHC's $\geq 0.1\%$

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorisation

This product does not contain substances subject to authorisation

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

N/A.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:.

2 - 2.1. Classification of the substance or mixture.

2 - 2.1.2. Classification - EC 1272/2008.

2 - Hazard pictograms.

2 - Precautionary Statement: Prevention.

2 - Precautionary Statement: Response.

2 - Precautionary Statement: Storage.

6 - 6.1. Personal precautions, protective equipment and emergency procedures.

7 - 7.1. Precautions for safe handling.

9 - 9.1. Information on basic physical and chemical properties (Flash point).

9 - 9.2. Other information (Product Subcategory).

14 - ADR/RID.

14 - IMDG.

14 - IATA.

15 - Hazard Statement.

16 - Maximum content of VOC.

Data sources

Data extracted from individual component Safety Data Sheets.

Arc Trowel Mastic

Revision 5

Revision date 2021-11-26

Other information

Text of Hazard Statements in Section 3	<p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> <p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> <p>EUH066 - Repeated exposure may cause skin dryness or cracking.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .</p> <p>Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.</p>
Maximum content of VOC	93.5 g/l.