

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

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ARC PATINATION OIL

Revision 0

Revision date 2019-09-10

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

1.1. Product identifier

Product name	ARC PATINATION OIL
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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 3237
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	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Sens. 1: H317; STOT SE 3: H335; STOT SE 3: H336; Repr. 1B: H360; Aquatic Chronic 3: H412;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Repr. 1B: H360 - May damage fertility or the unborn child . Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed.

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2.2. Label elements

Precautionary Statement: Response	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. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . 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. P308+P313 - IF exposed or concerned: Get medical advice/attention. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P331 - Do NOT induce vomiting. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish.
Precautionary Statement: 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 Statement: Disposal	P501 - Dispose of contents/container to licensed waste disposal site

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
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics		1174522-20-3	807-936-6		60 - 70%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; STOT SE 3: H336;
Hydrocarbons, C9, aromatics			918-668-5		1 - 10%	: EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; STOT SE 3: H336; Aquatic Chronic 2: H411;
Cobalt/Zirconium drier					1 - 10%	Skin Sens. 1: H317; Eye Irrit. 2: H319; Repr. 1B: H360; Aquatic Acute 1: H400; Aquatic Chronic 3: H412;
Ethyl methyl ketone oxime	616-014-00-0	96-29-7	202-496-6		0.5 - 1%	Carc. 2: H351; Acute Tox. 4: H312; Eye Dam. 1: H318; Skin Sens. 1: H317;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	Rinse mouth thoroughly. Drink 1 to 2 glasses of water. 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	May cause dizziness and headache. Inhalation may cause nausea and vomiting.
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4.2. Most important symptoms and effects, both acute and delayed

Eye contact	May cause irritation to eyes.
Skin contact	May cause degreasing of the skin. May cause irritation to skin. May cause dermatitis.
Ingestion	Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Irritating to mouth, throat and stomach.

General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Treat symptomatically.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	Do NOT use water jet. Use foam, carbon dioxide, dry powder, sand or earth.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	In confined spaces, fire-fighters should wear self-contained breathing equipment apparatus and protective clothing.
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SECTION 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. Wear suitable protective clothing, gloves and eye/face protection.
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6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains. Do not flush into surface water. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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6.4. Reference to other sections

	SECTION 13: Disposal considerations. SECTION 14: Transport information. SECTION 2: Hazards identification.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Wear suitable protective clothing, gloves and eye/face protection. When using do not eat, drink or smoke.
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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.
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SECTION 8: Exposure controls/personal protection**8.2. Exposure controls**

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.

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8.2. Exposure controls

8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Wear.: Safety glasses.
Skin protection - Handprotection	Wear.: Chemical resistant gloves (PVC).
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Characteristic
Initial boiling point	≥ 153 °C
Flash point	≥ 40 °C
Autoignition temperature	≥ 200 °C
Solubility	Insoluble in water

9.2. Other information

VOC (Volatile organic compounds)	≈ 750 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Not reactive.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Under normal conditions of storage and use, hazardous reactions will not occur.
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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.
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10.5. Incompatible materials

	Oxidising agents. Keep away from food, drink and animal feedingstuffs.
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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.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Respiratory or skin sensitisation	May cause dermatitis.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Repeated or prolonged exposure	Repeated or prolonged exposure may cause damage to liver, kidneys and central nervous system.

11.1.4. Toxicological Information

	No data available
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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. This material and its container must be disposed of as hazardous waste.

20 01 27 paint, inks, adhesives and resins containing dangerous substances.

Disposal of packaging

Contact a licensed waste disposal company.

15 01 10* packaging containing residues of or containing by dangerous substances.

SECTION 14: Transport information**Hazard pictograms****14.1. UN number**

UN1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Contains Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group III

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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-E
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IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

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).
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15.2. Chemical safety assessment

	Not required.
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Further information

	<p>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 >=0.1%</p> <p>EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction This product does not contain substances subject to resitriction</p> <p>EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorisation This product does not contain substances subject to authorisation</p> <p>Ozone-depleting substances (ODS) regulation (EC) 1005/2009 N/A.</p>
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SECTION 16: Other information

Other information

Data sources	Data extracted from individual component Safety Data Sheets.
Text of Hazard Statements in Section 3	<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 SE 3: H335 - May cause respiratory 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>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Repr. 1B: H360 - May damage fertility or the unborn child .</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>

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Other information

	Acute Tox. 4: H312 - Harmful in contact with skin. Eye Dam. 1: H318 - Causes serious eye damage. Carc. 2: H351 - Suspected of causing cancer .
Maximum content of VOC	750 g/l.
