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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

- Product Name: Arc Aqua-Block

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

- Use of the substance/mixture: Roof Coating

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Arc Building Products
- Address of Supplier: IDA Business & Tech. Park, Arklow, Co. Wicklow Ireland
- Telephone: +353 (0)402 32370
- Fax: +353 (0)402 24168
- Email: sales@arcbuildingproducts.ie

#### 1.4 Emergency telephone number

- Emergency Telephone: +353 (0)402 32370 (Office Hours)

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### SECTION 2 Hazards identification

#### 2.1 Classification of the substance or mixture

- CHIP: Xn;R20/21, F;R10, Xi;R36,R38, R43, N;R51/53, R66, R67
- CLP: Asp. Tox. 1, Flam. Liq. 3, Muta. 1B, Carc. 1B, Aquatic Chronic 2

#### 2.2 Label elements



- Signal Word: Danger
- Hazard phrases
  - H226 - Flammable liquid and vapour.
  - H304 - May be fatal if swallowed and enters airways.
  - H411 - Toxic to aquatic life with long lasting effects.
  - EUH066 - Repeated exposure may cause skin dryness or cracking.
  - EUH208 - Contains Ethyl Methyl Ketoxime. May produce an allergic reaction.
- Precautionary Phrases
  - P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
  - P233 - Keep container tightly closed.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - P403+P235 - Store in a well-ventilated place. Keep cool.
  - P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

#### 2.3 Other hazards

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### SECTION 3 Composition/information on ingredients

#### 3.1 Substances

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## SECTION 3 Composition/information on ingredients (...)

### 3.2 Mixtures

- White Spirit
  - CAS Number: 64742-88-7
  - EC Number: 919-446-0
  - Concentration: 11.094%
  - R/H Phrases: H304;R65
  - Symbols: GHS08;Xn
  - Categories: STOT SE 3, Aquatic Chronic 2
- phthalic anhydride
  - CAS Number: 85-44-9
  - EC Number: 201-607-5
  - Concentration: 0.238%
  - R/H Phrases: H302;H335;H315;H318;H334;H317;R22;R37/38;R41;R42/43
  - Symbols: GHS08;GHS05;GHS07;Xn
  - Categories: Skin Irrit. 2, Eye Dam. 1, Resp. Sens. 1, Skin Sens. 1, STOT SE 3
- Aromatic hydrocarbons, C8
  - CAS Number: 90989-38-1
  - EC Number: 292-694-9
  - Concentration: 0.196%
  - R/H Phrases: H350;H340;R45;R46
  - Symbols: GHS08;T
  - Categories: Muta. 1B, Carc. 1B
- phosphoric acid ... %, orthophosphoric acid ... %
  - CAS Number: 7664-38-2
  - EC Number: 231-633-2
  - Concentration: 0.00476%
  - R/H Phrases: H314;R34
  - Symbols: GHS05;C
  - Categories: Skin Corr. 1B
- chlorinated paraffins, C14-17
  - CAS Number: 85535-85-9
  - EC Number: 287-477-0
  - Concentration: 7.24%
  - R/H Phrases: H362;H400;H410;EUH066;R64;R66;R50/53
  - Symbols: GHS09;N
  - Categories: Aquatic Acute 1, Aquatic Chronic 1
- Distillates (petroleum), hydrodesulfurized middle;
  - CAS Number: 64742-80-9
  - EC Number: 265-183-3
  - Concentration: 0.1392%
  - R/H Phrases: H350;R45
  - Symbols: GHS08;T
  - Categories: Carc. 1B
- 2-methoxy-1-methylethyl acetate (PMA)

## SECTION 3 Composition/information on ingredients (....)

CAS Number: 108-65-6

EC Number: 203-603-9

Concentration: 21.656%

R/H Phrases: H226;R10

Symbols: GHS02

- styrene

CAS Number: 100-42-5

EC Number: 202-851-5

Concentration: 0.01509%

R/H Phrases: H226;H332;H319;H315;R10;R20;R36/38

Symbols: GHS02;GHS07;Xn

Categories: Skin Irrit. 2, Eye Irrit. 2

- n-butyl methacrylate

CAS Number: 97-88-1

EC Number: 202-615-1

Concentration: 0.01509%

R/H Phrases: H226;H319;H335;H315;H317;R10;R36/37/38;R43

Symbols: GHS02;GHS07;Xi

Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3

- ethyl methyl ketoxime; ethyl methyl ketone oxime

CAS Number: 96-29-7

EC Number: 202-496-6

Concentration: 0.3%

R/H Phrases: H351;H312;H318;H317;R21;R40;R41;R43

Symbols: GHS08;GHS05;GHS07;Xn

Categories: Eye Dam. 1, Skin Sens. 1, Carc. 2

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## SECTION 4 First aid measures

### 4.1 Description of first aid measures

- Contact with eyes
  - If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
  - If irritation persists, obtain medical advice
- Contact with skin
  - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water.
- Ingestion
  - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- Inhalation
  - Remove patient to fresh air
  - Persons who have inhaled substance may not exhibit symptoms immediately

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

- Skin

Prolonged skin contact will result in defatting of the skin, leading to irritation and in some

## SECTION 4 First aid measures (....)

cases, dermatitis.

- Ingestion  
The ingestion of significant quantities may cause damage to lungs
- Inhalation  
In cases of severe exposure, dizziness, confusion, headache or stupor may develop

4.3 Indication of any immediate medical attention and special treatment needed

## SECTION 5 Fire-fighting measures

### 5.1 Extinguishing media

- P370+P378 - In case of fire: Use foam, carbon dioxide or dry agent for extinction.
- Do not use water jets

### 5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

### 5.3 Advice for firefighters

- Avoid breathing fumes.
- Wear protective clothing as per section 8

## SECTION 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Shut off all ignition sources
- Ventilate area
- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

### 6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Remove contaminated material to safe location for subsequent disposal

### 6.4 Reference to other sections

- See Section 8 and 13

## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P241 - Use explosion-proof electrical/ventilating/lighting/
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P501 - Dispose of contents/container to local facility

### 7.2 Conditions for safe storage, including any incompatibilities

- P233 - Keep container tightly closed.
- P241 - Use explosion-proof electrical/ventilating/lighting/
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.

## SECTION 7 Handling and storage (....)

- Store above 5 °C
- Do not store above 30 °C

### 7.3 Specific end use(s)

- See Section 1.2

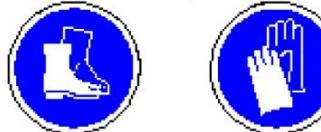
## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters

- 2-methoxy-1-methylethyl acetate (PMA)  
WEL (long term) 274 mg/m<sup>3</sup>
- White Spirit  
WEL (long term) 350 mg/m<sup>3</sup>

### 8.2 Exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (neoprene are recommended)
- Wear approved respirator if exposure likely to exceed MEL/OES



## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Viscous paste
- Colour: Grey,white, black or transluscent.
- Solubility in water: Insoluble
- Specific Gravity: Specific gravity 1.13 g/cm<sup>3</sup>
- Flash point 38 deg C (CC)

### 9.2 Other information

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Stable

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Keep away from heat and sources of ignition

### 10.5 Incompatible materials

- Incompatible with organic peroxides

### 10.6 Hazardous Decomposition Products

- Decomposition products may include carbon dioxide
- Decomposition products may include carbon oxides

## SECTION 11 Toxicological information

## SECTION 11 Toxicological information (....)

### 11.1 Information on toxicological effects

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Prolonged skin contact will result in defatting of the skin, leading to irritation and in some cases, dermatitis.
- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

## SECTION 12 Ecological information

### 12.1 Toxicity

- Contains ingredients that are dangerous for the environment (see section 3.2)

### 12.2 Persistence and degradability

- Not readily biodegradable

### 12.3 Bioaccumulation Potential

- Low bioaccumulation potential

### 12.4 Mobility in soil

- This substance is poorly absorbed onto soils or sediments

### 12.5 Results of PBT and vPvB assessment

- Not identified as PBT or vPvB under current EU criteria

### 12.6 Other Adverse Effects

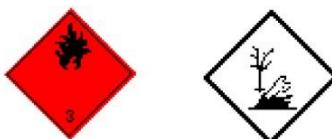
- No further relevant information available.

## SECTION 13 Disposal considerations

### 13.1 Waste treatment methods

- P501 - Dispose of contents/container to local licensed facility
- Disposal should be in accordance with local, state or national legislation

## SECTION 14 Transport information



### 14.1 UN Number

- UN No.: 1263

### 14.2 UN Proper Shipping Name

- Proper Shipping Name: Paint

### 14.3 Transport hazard class(es)

- Hazard Class: 3

### 14.4 Packing group

- Packing Group: III

### 14.5 Environmental hazards

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

### 14.6 Special precautions for user

- Not applicable

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

- Not applicable

## SECTION 15 Regulatory information

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

- The Chemicals (Hazard Information and Packaging) Regulations applies in the UK
- The COSHH Regulations apply in the UK
- The Hazardous Waste (England and Wales) Regulations 2005 apply in the UK
- The Health and Safety at Work Act applies in the UK

### 15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

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## SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-  
EUH066: Repeated exposure may cause skin dryness or cracking. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H340: May cause genetic defects. H350: May cause cancer. H351: Suspected of causing cancer. H362: May cause harm to breast-fed children. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. R10: Flammable. R20: Harmful by inhalation. R21: Harmful in contact with skin. R22: Harmful if swallowed. R34: Causes burns. R36/37/38: Irritating to eyes, respiratory system and skin. R36/38: Irritating to eyes and skin. R37/38: Irritating to respiratory system and skin. R40: Limited evidence of carcinogenic effect. R41: Risk of serious damage to eyes. R42/43: May cause sensitisation by inhalation and skin contact. R43: May cause sensitisation by skin contact. R45: May cause cancer. R46: May cause heritable genetic damage. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R64: May cause harm to breastfed babies. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.

### 16.1 Other information

This SDS has been prepared in accordance with EU regulation 453/2010/EC.

This information is given in good faith, being based on the latest knowledge available to Arc Building Products. No known relevant information has been omitted from this SDS and the information provided is designed to enable the user to use the product safely.

The user should not assume that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Arc Building Products for further advice before proceeding.