



## SAFETY DATA SHEET

### ARC POT-CEM HIGH STRENGTH RAPID MORTAR

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

##### 1.1. Product identifier

Product name                      ARC POT-CEM HIGH STRENGTH RAPID MORTAR

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

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

Supplier                              Arc Building Products  
 IDA Business & Technology Park  
 Ballynattin  
 Arklow, Co. Wicklow  
 Ireland  
 Tel: +353 (0)402 32370  
 Fax: +353 (0)402 24168  
 Email: sales@Arcbuildingproducts.ie  
 Web: www.arcbuildingproducts.ie

##### 1.4. Emergency telephone number

Emergency telephone              +353 (0)402 32370 (Office hours only)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards                      Not Classified  
 Health hazards                        Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317  
 Environmental hazards                Not Classified

##### 2.2. Label elements

###### Hazard pictograms



Signal word                              Danger

Hazard statements                    H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H317 May cause an allergic skin reaction.

## ARC POT-CEM HIGH STRENGTH RAPID MORTAR

<b>Precautionary statements</b>	<p>P261 Avoid breathing dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** HIGH ALUMINA CEMENT, PORTLAND CEMENT

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Classification according to EC  
1272/2008 (CLP)

#### 3.2. Mixtures

<b>SILICA SAND</b>	<b>30-60%</b>
CAS number: 14808-60-7	
<b>Classification</b> Not Classified	
<b>HIGH ALUMINA CEMENT</b>	<b>10-30%</b>
CAS number: 65997-16-2                      EC number: 266-045-5	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
<b>VINYL ACETATE COPOLYMER</b>	<b>0-1%</b>
CAS number: —                                      EC number: 925-954-3	
<b>Classification</b> Not Classified	
<b>CALCIUM SULPHATE</b>	<b>1-5%</b>
CAS number: 14798-04-0                      EC number: 604-615-0	
<b>Classification</b> Not Classified	

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<b>PORTLAND CEMENT</b>	<b>10-30%</b>
CAS number: 65997-15-1	EC number: 266-043-4
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1B - H317 STOT SE 3 - H335	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Risk of serious damage to eyes.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Water. Foam.

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

**Specific hazards** No unusual fire or explosion hazards noted.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

### SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust.

#### 6.4. Reference to other sections

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**                      Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions**                      Store in closed original container at temperatures between 5°C and 30°C. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 6 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement.

Shelf life in correct for sealed tubs is 6 months. Please note: the use of this product after the end of the declared storage period may increase the risk of an allergic reaction.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **SILICA SAND**

Long-term exposure limit (8-hour TWA): 0.3 mg/m<sup>3</sup>

##### **HIGH ALUMINA CEMENT**

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup> resp.dust

##### **VINYL ACETATE COPOLYMER**

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> resp.dust

##### **CALCIUM SULPHATE**

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup> resp.dust

##### **PORTLAND CEMENT**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### PORTLAND CEMENT (CAS: 65997-15-1)

##### **DNEL**

A derived no-effect level (DNEL) of 1 mg/m<sup>3</sup> (as respirable dust) over an hour shift has been set.

#### 8.2. Exposure controls

##### **Protective equipment**



##### **Appropriate engineering controls**

Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

##### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

##### **Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

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<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Provide eyewash station. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a suitable dust mask.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Dusty powder.
<b>Relative density</b>	1.6-2.0 @ @ 20°C

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong acids. Strong alkalis.
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#### 10.6. Hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Inhalation</b>	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged contact with moist or wet product may cause burns.
<b>Eye contact</b>	Risk of serious damage to eyes.

### SECTION 12: Ecological information

<b>Ecotoxicity</b>	The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.
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#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

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**General information**                    Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General**                                    The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

### SECTION 15: Regulatory information

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

**National regulations**                    The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation**                            Dangerous Substances Directive 67/548/EEC.  
 Dangerous Preparations Directive 1999/45/EC.  
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance**                                    Workplace Exposure Limits EH40.  
 Safety Data Sheets for Substances and Preparations.  
 Approved Classification and Labelling Guide (Sixth edition) L131.

**15.2. Chemical safety assessment**

### SECTION 16: Other information

**General information**                    If further information on training is required contact Arc Building Products

**Revision date**                            15/03/2022

**Revision**                                    1

**Supersedes date**

**Hazard statements in full**            H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.

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The purpose of the above information is to describe the products only in terms of health and safety requirements. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.