



SAFETY DATA SHEET

ARC POT-CEM RAPID SAND & CEMENT

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

1.1. Product identifier

Product name ARC POT-CEM RAPID CEMENT

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 RAPID SAND & CEMENT

Precautionary statements

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

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

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

ARC POT-CEM RAPID SAND & CEMENT

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| PORTLAND CEMENT | 10-30% |
| CAS number: 65997-15-1 | EC number: 266-043-4 |
| Classification 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

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| General information | Risk of serious damage to eyes. |
| Inhalation | 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. |
| Ingestion | 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. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. |
| Eye contact | 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

ARC POT-CEM RAPID SAND & CEMENT

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/m³

HIGH ALUMINA CEMENT

Long-term exposure limit (8-hour TWA): 4 mg/m³ resp.dust

VINYL ACETATE COPOLYMER

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ resp.dust

CALCIUM SULPHATE

Long-term exposure limit (8-hour TWA): 4 mg/m³ resp.dust

PORTLAND CEMENT

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

WEL = Workplace Exposure Limit.

PORTLAND CEMENT (CAS: 65997-15-1)

DNEL

A derived no-effect level (DNEL) of 1 mg/m³ (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.

ARC POT-CEM RAPID SAND & CEMENT

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| Other skin and body protection | Wear appropriate clothing to prevent any possibility of skin contact. |
| Hygiene measures | 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. |
| Respiratory protection | 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

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|-------------------------|------------------|
| Appearance | Dusty powder. |
| Relative density | 1.6-2.0 @ @ 20°C |

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

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| Stability | 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

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| Materials to avoid | Strong acids. Strong alkalis. |
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10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

SECTION 12: Ecological information

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| Ecotoxicity | 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

ARC POT-CEM RAPID SAND & CEMENT

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.