

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

### Arc Pro-Flex Tile Adhesive

Version: 1002  
Revision Date: 13 June 2018

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

##### 1.1. Product identifier

Product name	Arc Pro-Flex
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##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Cement based tile adhesive.
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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
Web	www.arcbuildingproducts.ie
Telephone	+353 (0)402 32370
Fax	+353 (0)402 24168
Email	sales@arcbuildingproducts.ie
Email address of the competent person	sales@arcbuildingproducts.ie

##### 1.4. Emergency telephone number


Emergency telephone number	+353 (0)402 32370 9.00 am - 5.00 pm Mon - Fri
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#### SECTION 2: Hazards identification

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

2.1.1. Classification - 67/548/EEC	Xi; R37/38-41-43 Symbols: Xi: Irritant.
Main hazards	Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT SE 3: H335;

##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation.

## Arc Pro-Flex Tile Adhesive

Version: 1002  
Revision Date: 13 June 2018

## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to SECTION 13: Disposal considerations

## 2.3. Other hazards

<b>Other hazards</b>	Not applicable.
<b>Further information</b>	Not applicable.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Portland cement clinker (Portland cement total inhalable dust)		65997-15-1	266-043-4		30 - 40%	Xi; R37/38-41-43

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Portland cement clinker (Portland cement total inhalable dust)		65997-15-1	266-043-4		30 - 40%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT SE 3: H335;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing.
<b>Ingestion</b>	Rinse mouth thoroughly. DO NOT INDUCE VOMITING.

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

<b>Inhalation</b>	May cause irritation to mucous membranes.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	May cause irritation to skin.

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

<b>Inhalation</b>	Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Seek medical attention if irritation or symptoms persist.

## Arc Pro-Flex Tile Adhesive

Version: 1002  
Revision Date: 13 June 2018**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing media normally used are sufficient.

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

No Significant Hazard.

**5.3. Advice for firefighters**

Wear suitable respiratory equipment when necessary.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust. Avoid contact with skin and eyes. Use appropriate personal protective equipment.

**6.2. Environmental precautions**

Do not allow product to enter drains.

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

Sweep up. Transfer to suitable, labelled containers for disposal.

**6.4. Reference to other sections**

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid formation of dust. Wear suitable protective equipment. The cement contained in this product produces an alkaline reaction when in contact with water. This may cause irritation to the skin and mucous membranes.

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

Keep out of the reach of children. Keep container tightly closed and dry.

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

No data available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. Exposure Limit Values**

Portland cement clinker (Portland cement respirable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Portland cement clinker (Portland cement total inhalable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

Ensure adequate ventilation of the working area.

**8.2.2. Individual protection measures**

Appropriate respiratory protection. Wear suitable gloves and eye/face protection.

**Eye / face protection**

Approved safety goggles.

## Arc Pro-Flex Tile Adhesive

Version: 1002  
Revision Date: 13 June 2018

## 8.2. Exposure controls

Skin protection - Handprotection	Nitrile rubber gloves.
Respiratory protection	Wear.. Suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Powder
Colour	Grey/White
Odour	Odourless
pH	> 12
Melting point	Not applicable.
Freezing Point	Not applicable.
Boiling point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability limits	Not applicable.
Vapour Flammability	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Fat Solubility	Not applicable.
Partition coefficient	Not applicable.
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive	Not applicable.
Oxidising	Not applicable.
Solubility	Slightly soluble in water

## 9.2. Other information

Conductivity	Not applicable.
Surface tension	Not applicable.
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No hazardous reactions if stored and handled as indicated.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No Significant Hazard.
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## 10.4. Conditions to avoid

	Avoid formation of dust.
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## 10.5. Incompatible materials

	Will not decompose if stored and used as recommended.
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## 10.6. Hazardous decomposition products

	No Significant Hazard.
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## Arc Pro-Flex Tile Adhesive

Version: 1002  
Revision Date: 13 June 2018**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Acute toxicity	May cause irritation to respiratory system.
Skin corrosion/irritation	Irritating to eyes and skin.
Respiratory or skin sensitisation	Irritant, moderate respiratory.
Reproductive toxicity	No data is available on this product.

**SECTION 12: Ecological information**

## 12.1. Toxicity

	No data available
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## 12.2. Persistence and degradability

	No data is available on this product.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## 12.4. Mobility in soil

	No data is available on this product.
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## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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## 12.6. Other adverse effects

	No data is available on this product.
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**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations. Dispose of waste and residues in accordance with local authority requirements.
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## General information

	Dispose of in compliance with all local and national regulations.
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## Disposal methods

	Dispose of waste and residues in accordance with local authority requirements. Dispose of this material and its container to hazardous or special waste collection point.
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## Disposal of packaging

	Dispose of waste and residues in accordance with local authority requirements.
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**SECTION 14: Transport information**

## Further information

	The product is not classified as dangerous for carriage.
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**SECTION 15: Regulatory information**

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

Regulations	The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, "COSHH Essentials" (United Kingdom). This product is classified under the Chemicals (Hazard Information and Packaging) Regulations, (CHIP) (United Kingdom). COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN
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## Arc Pro-Flex Tile Adhesive

Version: 1002  
Revision Date: 13 June 2018**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

	PARLIMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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**15.2. Chemical safety assessment**

	A chemical safety assesment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.
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**SECTION 16: Other information****Other information****Text of risk phrases in Section 3**

	R37/38 - Irritating to respiratory system and skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact.
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**Text of Hazard Statements in Section 3**

	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation.
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**Further information**

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
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