

**ARC FLEXIBLE RAPID SET
WHITE & GREY**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: ARC FLEXIBLE RAPID SET WHITE & GREY

1.2 Relevant identified uses of the substance or mixture:

Relevant uses: Adhesive.

1.3 Details of the supplier of the safety data sheet:

Arc Building Products
IDA Business & Technology Park,
Ballynattin, Arklow, Co. Wicklow, Ireland.
www.arcbuildingproducts.ie

Fax: +353 (0)402 24168

Tel: +353 (0)402 41200

Tel: +353 (0)402 32370

1.4 Emergency telephone number:

SECTION 2: HAZARDS CLASSIFICATION: IRRITANT

Contains CHROMIUM VI- May produce an allergic reaction - RISK OF SERIOUS DAMAGE TO EYES

Contact with wet paste may cause dermatitis, irritation or burns Wear suitable gloves, clothing and eye/face protection. Avoid contact with skin and eyes. Avoid breathing dust. Keep out of the reach of children. On contact with skin or eyes rinse immediately with plenty of water and seek immediate medical assistance after eye contact.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION

A Portland Cement (CAS 65997-15-1), calcium aluminates, spray dried copolymers and organic additives.

SECTION 4: FIRST AID MEASURES

INHALATION:

Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If nose or airways become inflamed or breathing difficulties occur, seek medical attention.

SKIN CONTACT:

Wash off skin immediately with warm soapy water. Remove contaminated clothing and launder regularly. Where irritation to skin is apparent seek prompt medical attention.

INGESTION:

Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Seek medical attention if mouth is inflamed

EYE CONTACT:

An instant response is Essential. Irrigate thoroughly for 15 mins with clean running water or eye wash bottle. Seek medical attention if eye irritation becomes inflamed.

SECTION 5: FIRE-FIGHTING MEASURES: NON FLAMMABLE

Recommended extinguishers: Dry powder; Foam, CO2 – sacks may support combustion product will not.

Hazardous decomposition

when subject to combustion

N/A

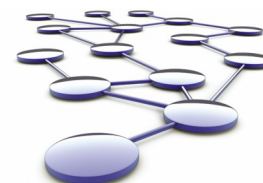
Special procedures

N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES:

Recover spillages in a dry state wherever possible. Do not allow wet residues to harden. Confine all residues in clearly marked sealed containers for disposal in accordance with Local Authority regulations for cement-based building products.

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SECTION 7: HANDLING & STORAGE

Handling:

Lifting operations must be no more than 1 x 25kg sack at a time by a competent operator wearing gloves.

Storage:

If stored correctly and used within 12 months of the date shown on this bag, the activity of the reducing agent will be maintained and this product will contain, when mixed, no more than 0.0002 % (2 ppm) soluble chromium (VI) of the total dry weight of the cement. Use of this product after the end of the declared storage period may increase the risk of an allergic reaction. [Risks associated with Chromium VI do not apply to the white version of this product].

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OEL 8hr TWA = 10mg/M3 total inhalable dust - 4mg/M3 respirable dust.

Respiratory:

Good ventilation is always recommended along with a BS approved dust mask

Hand:

Wear 17" long elbow length heavy duty natural rubber gloves or gauntlets approved to EN374 & EN 420 with a BT rating of > 8 hrs for strong alkalis.

Eye:

Dust proof BS 2092 Goggles or chemical grade visors are also advised wherever there is a risk of dust or paste entering the eyes

Skin:

PVC overalls should be worn and laundered immediately after use.
Do not work in powder or paste contaminated overalls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General Information

Appearance: Coarse grey/white particulate powder
Boiling point range: N/A
Solubility: water dispersible
Auto ignition temp: N/A
Specific gravity: 1.35 dry - 2.25 wet

Miscibility: water only

Evaporation rate: N/A

Odour: N/A

Vapour pressure: N/A

Flash point: N/A

Explosive properties: N/A

Viscosity: > 50,000 Mpa.s when mixed.

PH: 11.0 - 12.5

Oxidising properties: N/A

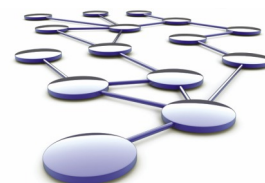
SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid N/A

Materials to avoid Strong acids

Hazardous decomposition products N/A

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SECTION 11: TOXICOLOGICAL INFORMATION

Routes of exposure: Inhalation, skin contact, eye contact and ingestion.

Key Health effect: severe skin burns and destruction of internal mucous

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Key Health effect:	severe skin burns and destruction of internal mucous membranes
Acute toxicity:	severe eye irritant
Corrosivity:	Damages skin
Sensitisation:	Contact & allergic dermatitis
Mutagenicity:	N/A
Carcinogenicity:	N/A
Reproductive toxicity:	N/A

SECTION 12: ECOLOGICAL INFORMATION

Bio-accumulative potential – not expected to bio-accumulate.

Ecotoxicity: strongly alkali – will adversely affect low volume watercourses

Environmental Persistence – Not likely to remain strongly alkali in contact with water after hydration is complete.

SECTION 13: DISPOSAL CONSIDERATIONS

Dried powder, unused product and freshly contaminated application materials must be considered potentially irritant and disposed of in sealed bags in accordance with local authority regulation for building waste.

SECTION 14: TRANSPORT INFORMATION

Not classified for transport purposes

SECTION 15: REGULATORY INFORMATION

CHIP Hazard symbols: Xi - IRRITANT - Contains CHROMIUM VI- May produce an allergic reaction - R41 - RISK OF SERIOUS DAMAGE TO EYES

Safety phrases: S2 – S24/25 – S36/37/39 - S64 Other regulatory controls:

Health & Safety @ Work Act 1974; Control of Substances Hazardous to Health Regulations 1994.



SECTION 16: OTHER INFORMATION

The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work.