



CODE E

Product Safety Data Sheet

1. Identification of the preparations and company.

Product details: Cement-based products containing more than 20% Portland cement classified as irritant.

Trade names:

ARDEX G 125	ARDEX-FLEX FL	ARDEX K 13
ARDEX-FLEX FS	ARDITEX - Powder component	ARDEX-FLEX 5000/5001
ARDITEX RS - Powder component	ARDEX-FLEX 6001	ARDEX B 2
ARDEX C 2	ARDEX EB 2	ARDEX F 4
ARDEX-FLEX S 38	ARDEX GK	ARDEX B 12
ARDEX S 21	ARDEX G 6	ARDEX X 7
ARDEX Z 8	ARDEX K 11	ARDEX X 7 G PLUS
ARDEX R 70 P Part C - Powder component	ARDEX R 15 P Part C - Powder component	
ARDEX R 90 P Part C - Powder component	ARDITEX RS 2 - Powder component	
ARDEX AM 100		

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Health and Safety contact: Mr C Potter

2. Composition/information on ingredients.

Products classified as irritant that contain more than 20% Portland cement with the addition of inorganic fillers and organic additives not classified as hazardous.

Hazardous ingredient	Classification	%	Index	Risk Phrases
Portland Cement	CAS No.65997-15-1 EINECS: 266-043-4	>20	Xi	R38, R41

3. Hazard identification.

Hazard designation: Xi Irritant.

Hazard to man and the environment: R38 Irritating to skin, R41 Risk of serious damage to eyes.

Contains Chromium VI. May produce an allergic reaction.

4. First aid measures.

After inhalation: If irritation occurs, move to fresh air. If nose or airways become inflamed seek medical advice.

After skin contact: Wash the affected area thoroughly with soap and water before continuing. If discomfort, irritation or other symptoms of irritation occur seek medical advice.

After eye contact: Immediately rinse opened eye for several minutes under running water. If symptoms develop or persist, seek medical attention as soon as possible.

After ingestion: Wash out mouth with water. Do not induce vomiting, drink plenty of water. If symptoms develop or persist, seek medical attention as soon as possible.

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HIGH PERFORMANCE
TILING AND FLOORING PRODUCTS

5. Fire-fighting measures.

Suitable extinguishing media: CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

6. Accidental release measures.

No dangerous materials released. Collect up spillage by mechanical means, minimising the generation of airborne dust (see section 8).

7. Handling and Storage.

Handling: Observe the normal precautions when handling packaged products (Manual Handling Operations Regulations 1992). Avoid the generation of airborne dust (see section 8).

Storage: Store in original packaging under dry conditions. Stack in a safe and stable manner.

8. Exposure controls/personal protection.

Exposure: Take measures to reduce airborne dust generation during mixing. Occupational exposure must be kept below both 10mg/m³/8 hour TWA total inhalable dust and 4mg/m³/8 hour TWA respirable dust.

Personal protection: Avoid contact with the eyes and skin by the use of safety goggles and waterproof gloves. Remove any contaminated clothing. Wash hands during breaks and at the end of the work.

Respiratory protection: Suitable respiratory protection should be worn, e.g. filter mask, if the OEL is likely to be exceeded.

9. Physical and chemical properties.

Appearance: Powder, various colours according to product.

pH: Approximately 12 at 20°C saturated solution.

Relative density: 1,100 to 1,700kg/m³.

Solubility: Sparingly soluble in water.

10. Stability and reactivity.

Stable when stored correctly, no dangerous reactions or decomposition products known.

11. Toxicological information.

Irritant effect on the skin and mucous membranes. Sensitisation/allergic reaction to Chromium VI may occur.

Strong irritant for eyes with danger of serious damage to eyes.

12. Ecological information.

Stable in soil. Water hazard class 1 (self assessment) : slightly hazardous. Do not allow large quantities to reach the ground water, rivers, drainage and sewage systems. Soil and ground water in contact with freshly set and hardened mortar may become more alkaline. The rise in pH may be toxic to some forms of aquatic life in certain circumstances and to calcifuge plants.

13. Disposal considerations.

Dispose of empty bags or surplus product at a place authorised to accept builders waste. Clean empty paper sacks can be recycled. Product must not be disposed of with household waste.

**14. Transport information.**

Not classified as hazardous for transport purposes.

15. Regulatory information.

These products have been classified and labelled in accordance with the Directives and Ordinance on Hazardous Materials.

Code letter and hazard designation of products: Xi Irritant.

Risk phrases:	R38 R41	Irritating to skin. Risk of serious damage to eyes. Contains Chromium VI. May produce an allergic reaction.
Safety phrases:	S2 S24/25 S26 S37/39	Keep out of reach of children. Avoid contact with the eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

This Product Data Sheet does not constitute a workplace risk assessment.

16. Other information.

Use only for the purposes intended. This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirement. It should not be construed as guaranteeing specific properties.

Revision comments: This revision includes new contact numbers and recent amendments to regulations.

References:

HSE Guidance Note EH 40 (Occupational Exposure Limits)

The Control of Substances Hazardous to Health Regulations 2002 amended 2003

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002

Approved Supply List (Seventh Edition)

Compilation of safety data sheets (Third Edition) Approved Code of Practice

HSE Guidance Note EH 26

Construction Health Hazard Information Sheet No. 1 and No. 7