



HIGH PERFORMANCE
TILING AND FLOORING PRODUCTS

ARDEX UK Limited

Safety data sheet

Revision dated
FEBRUARY 2007

CODE R

Product Safety Data Sheet

1. Identification of the preparations and company.

Product details: Cement-based products containing less than 5% Portland cement with no hazard identification requirements.

Trade name:	ARDEX A 55	ARDEX K 1	ARDEX S 20
	ARDEX K 70	ARDEX A 35	ARDEX S 20 W
	ARDEX K 15	ARDEX A 35 MIX	ARDEX MG
	ARDEX K 15-B	ARDEX A 45	ARDEX K 80
	ARDEX SD-T	ARDEX S 16	ARDEX FA 20
	ARDEX SD-T B	ARDEX S 16 W	
	ARDEX-FLEX 7001	ARDEX FEATHER FINISH	
	ARDEX-FLEX 7001 W	ARDITEX NA - Powder component	

Manufacturer:	ARDEX UK Limited	Telephone: + 44 (0)1440 714939
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England

2. Composition/Data on components.

Chemical characterization

Description:

in different proportions:

- cements (Portland-cement content < 20%)
- quartzsands (grainsize >0.1mm, without fin proportions)
- calciumcarbonates
- copolymeric powders of vinylacetate/ethylen
- derivatives of cellulose
- additives

Hazardous ingredient	Classification	%	Index	Risk Phrases
Portland Cement	CAS No.65997-15-1 EINECS: 266-043-4	<5	Xi	R38, R41

3. Hazards identification.

Hazard designation: void

Information pertaining to particular dangers for man and environment: Contains cement. Reacts alkaline - so protect skin and eyes. In case of contact wash thoroughly with water. In case of eye contact also consult a doctor.

Classification system: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.



4. First aid measures.

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:** If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running
- **After swallowing:** In case of persistent symptoms consult doctor.

5. Fire-fighting measures.

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

Protective Equipment: No special measures required.

6. Accidental release measures.

Personal safety precautions: Not required.

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting: Collect mechanically.

Additional information: No dangerous materials are released.

7. Handling and Storage.

Handling

Information for safe handling: No special measures required.

Information about protection against explosions and fires: No special measures required.

Storage

Requirements to be met by storerooms and containers: Store only in the original container.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store under dry conditions.



8. Exposure controls/personal protection.

Additional information about design of technical systems: No further data; see item 7.

Components with critical values that require monitoring at the workplace:

CAS No.	Designation of material	%	Type	Value	Unit
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The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Based on references valid at the time of compilation.

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals.

Breathing equipment: Not required.

Protection of hands: Protective gloves.

Material of gloves: Nitrile rubber, NBR

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable: Nitrile rubber, NBR

For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR

Eye protection: Not required.

9. Physical and chemical properties.

General Information

Form:	Powder
Colour:	Different according to colour
Smell:	Characteristic

Change in condition

Melting point/ Melting range:	Not determined
Boiling point/ Boiling range:	Not determined

Flash point:	Not applicable
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Self-flammability: Product is not self-igniting.

Danger of explosion: Product is not explosive.

Density:	Not determined
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Settled apparent density at 20°C:	1100 - 1700 kg/m ³
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Solubility in/Miscibility with Water:	Slightly soluble
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pH-value at 20°C:	ca. 11
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Solvent content:

Solids content:	100.0 %
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10. Stability and reactivity.

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous products of composition: No dangerous decomposition products known.



11. Toxicological information.

Acute toxicity:**Primary irritant effect:**

on the skin: No irritant effect.

on the eye: Irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information: The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information.

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, lakes and water courses or sewage system.

13. Disposal considerations.

Product:**Waste disposal key number:**

Product, solid: EAK 170101

Product, powder: EAK 101303

Uncleaned packagings:**Recommendation:**

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

14. Transport information.

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS/E Class: -

Transport/Additional information: Not dangerous according to the above specifications.

**15. Regulatory information.****Designation according to EC guidelines:**

Observe the normal safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.

Special designation of certain preparations:

Contains cement. Reacts alkaline - so protect skin and eyes. In case of contact wash thoroughly with water. In case of eye contact also consult a doctor.

National regulations

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

16. Other information.**Relevant R-phrases:**

38 Irritating to skin.

41 Risk of serious damage to eyes.

Contact: Mr M Langdon

***Data compared to the previous version altered.**