



**SAFETY DATA SHEET**  
**ARDEX CEMENT BASED PRODUCTS, > 20% PORTLAND CEMENT**

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	ARDEX CEMENT BASED PRODUCTS, > 20% PORTLAND CEMENT
PRODUCT NO.	ARDEXX78S W, ARDEX K13, ARDEX K301, ARDEX X7R, ARDEX R15P Part C, ARDEXFLEX FL, ARDEX X77G, ARDEX X77W, ARDEX X77S G, ARDEX X77S W, ARDEX X78S G, ARDEX B12, ARDEX X7R W, ARDEXFLEX 5000, ARDEX X7G PLUS, ARDEXFLEX 5001, ARDEXFLEX S38, ARDEXFLEX 6001, ARDEX S21, ARDEX X7, ARDEX C2, ARDEX F4, ARDEX AM100, ARDEX GK, ARDITEX RS TRADE POWDER, ARDEX G6, ARDEX B2, ARDEX EB2, ARDEX R70P Part C, ARDEX FLOOR LEVEL, ARDEXFLEX FS, ARDITEX POWDER, ARDITEX RS POWDER, ARDITEX RS PLUS POWDER, ARDEX Z8, ARDEX K11
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**2 HAZARDS IDENTIFICATION**

Risk of serious damage to eyes. Irritating to respiratory system and skin.

CLASSIFICATION Xi;R37/38, R41.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
PORTLAND CEMENT	266-043-4	65997-16-2	30-60%	Xi;R41,R36/37/38.

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**

Move the exposed person to fresh air at once. Place unconscious person on the side in the recovery position and ensure breathing. Get medical attention if any discomfort continues.

**INGESTION**

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

**SKIN CONTACT**

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## ARDEX CEMENT BASED PRODUCTS, > 20% PORTLAND CEMENT

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**STORAGE CLASS**

Unspecified storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
PORTLAND CEMENT		10 mg/m3 total dust		

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m3.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact.

**EYE PROTECTION**

Wear dust resistant safety goggles where there is danger of eye contact.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust		
COLOUR	Varying		
ODOUR	No characteristic odour.		
SOLUBILITY	Disperses. Immiscible with water		
BULK DENSITY	1100 - 1700 kg/m3	VOLATILE BY VOL. (%)	0
pH-VALUE, DILUTED SOLUTION	>12		

### 10 STABILITY AND REACTIVITY

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid contact with acids.

**HAZARDOUS POLYMERISATION**

Not relevant.

**HAZARDOUS DECOMPOSITION PRODUCTS**

No hazardous decomposition products.

## ARDEX CEMENT BASED PRODUCTS, > 20% PORTLAND CEMENT

### 11 TOXICOLOGICAL INFORMATION

**INHALATION**

Irritating to respiratory system.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Irritating to skin.

**EYE CONTACT**

Irritating to eyes.

### 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

Not regarded as dangerous for the environment.

**MOBILITY**

The product contains substances which are insoluble in water and which sediment in water systems. The product hardens to a solid immobile substance.

**BIOACCUMULATION**

Accumulates in soil and sediment.

**WATER HAZARD CLASSIFICATION**

WGK 1

### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION

**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

**ROAD TRANSPORT NOTES**

Not Classified

**RAIL TRANSPORT NOTES**

Not Classified.

**SEA TRANSPORT NOTES**

Not Classified.

**AIR TRANSPORT NOTES**

Not Classified.

**MARINE POLLUTANT**

No.

### 15 REGULATORY INFORMATION

**LABELLING**



Irritant

**RISK PHRASES**

R41	Risk of serious damage to eyes.
R37/38	Irritating to respiratory system and skin.

**SAFETY PHRASES**

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S60	This material and its container must be disposed of as hazardous waste.
S22	Do not breathe dust.

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S46

If swallowed, seek medical advice immediately and show this container or label.

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

REVISION DATE 23/05/2008

REV. NO./REPL. SDS GENERATED 1

### RISK PHRASES IN FULL

R36/37/38 Irritating to eyes, respiratory system and skin.

R41 Risk of serious damage to eyes.

### DISCLAIMER

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