

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Anhydrous Zinc Polycarboxylate Cement

Revision 0  
Revision date 2015-05-22

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

#### 1.1. Product identifier

Product name UnoDent Anhydrous Zinc Polycarboxylate Cement LAU000

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU20] Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact);

#### 1.3. Details of the supplier of the safety data sheet

Company UnoDent Ltd  
Address 10 Perry Way,  
Witham, Essex UK,  
CM8 3SX  
Telephone 01376 500582  
Fax 01376 500581  
Email [info@unodent.com](mailto:info@unodent.com)  
Emergency telephone number 01376 500582

### SECTION 2: Hazards identification

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

2.1.1. Classification - 67/548/EEC Xi; R38 N; R50  
Symbols: Xi: Irritant. N: Dangerous for the environment.

Main hazards Irritating to skin. Very toxic to aquatic organisms.

2.1.2. Classification - EC 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

#### 2.2. Label elements

Hazard pictograms



Signal Word

Warning

Hazard Statement

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Precautionary Statement: Prevention

P273 - Avoid release to the environment.

Precautionary Statement: Response

P391 - Collect spillage.

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## 2.2. Label elements

Precautionary Statement: Disposal	P501 - Dispose of contents/container to
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## 2.3. Other hazards

Other hazards	R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin.
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## 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	M-factor.
Zinc oxide	030-013-00-7	1314-13-2	215-222-5		70 - 80%	N; R50/53	
Heavy Magnesium Oxide (Magnesium oxide (as Mg))		1309-48-4	215-171-9		1 - 10%		
Stannous Fluoride		7783-47-3	231-999-3		1 - 10%	Xn; R22 Xi; R36/38	

EC 1272/2008

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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to mucous membranes.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

	None.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

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

Clean spillage area thoroughly with plenty of water. Sweep up. Transfer to suitable, labelled containers for disposal.

## 6.4. Reference to other sections

SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

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

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

## 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Heavy Magnesium Oxide (Magnesium oxide (as Mg))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total 10	WEL 15 min limit mg/m3 total -
	inhalable dust: -	inhalable dust: -
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust: -	respirable dust: -

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## 8.2.2. Individual protection measures

Wear protective clothing.

## Eye / face protection

Approved safety goggles. In case of splashing, wear:.

## Skin protection -

Chemical resistant gloves (PVC).

## Handprotection

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	White/Off white
Odour	Odourless

## 9.2. Other information

No data is available on this product.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No data is available on this product.

## 10.2. Chemical stability

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## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No data available.

## 10.4. Conditions to avoid

Heat. Moisture.

## 10.5. Incompatible materials

Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

No data is available on this product.

**SECTION 11: Toxicological information**

## 11.1.4. Toxicological Information

No data available

**SECTION 12: Ecological information**

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

No data is available on this product.

## 12.6. Other adverse effects

No data available.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

**SECTION 14: Transport information**

## 14.6. Special precautions for user

Environmental precautions.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

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

No data available.

## 15.2. Chemical safety assessment

No data is available on this product.

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## SECTION 16: Other information

## Other information

Text of risk phrases in Section 3

R22 - Harmful if swallowed.  
R36/38 - Irritating to eyes and skin.  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of Hazard Statements in Section 3

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.