

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.08.2008

Version No. 1

Revision: 08.08.2008

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** UZIN NC 182
- **Application of the substance / the preparation** Low-Slump Repair Mortar
- **Manufacturer/Supplier:**  
UZIN Ltd.  
7/8 Cholswell Court Shippon  
Abingdon, OX 13 6 HW  
Tel. 01235/53 41 06  
Fax 01235/53 41 07
- **Further information obtainable from:**  
Product safety department  
email: [msds.info@uzin-utz.com](mailto:msds.info@uzin-utz.com)
- **Information in case of emergency:**  
Medical emergencies: +49 30 30 686 790  
Transportation emergencies: +49 621 60 43 333

## 2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 36/38 Irritating to eyes and skin.
- **Additional information:** Low in Chromate (< 2 ppm) acc. Directive 2003/53/EC

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 65997-15-1	Portland cement	Xi; R 38-41	5 - <10%
EINECS: 266-043-4			

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub> powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet

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· **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Wear dust mask.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**
  - Prevent formation of dust.
  - Wear suitable protective clothing, gloves and eye/face protection.
  - Avoid contact with the eyes and skin.
  - Wash hands before breaks and at the end of work.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
  - Store in dry conditions.
  - Protect from humidity and water.

## 8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

**65997-15-1 Portland cement**

WEL	Long-term value: 10* 4** mg/m <sup>3</sup>
	*inhalable dust **respirable dust

- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Prevent formation of dust.
  - Wear suitable protective clothing, gloves and eye/face protection.
  - Avoid contact with the eyes and skin.
  - Wash hands before breaks and at the end of work.
- **Respiratory protection:** When mixing wear suitable dust-mask
- **Protection of hands:**



Use nitrile impregnated cotton-gloves

- **Material of gloves:** Nitrile impregnated cotton-gloves
- **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.

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· **Eye protection:**

Tightly sealed goggles

## 9 Physical and chemical properties

· **General Information**

<b>Form:</b>	Solid
<b>Colour:</b>	Grey
<b>Odour:</b>	Light

· **Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Density:** Not determined.· **Solubility in / Miscibility with water:** Insoluble.· **pH-value at 20°C:** 11

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Acute toxicity:**· **Primary irritant effect:**· **on the skin:** Irritant to skin and mucous membranes.· **on the eye:** Irritating effect.· **Sensitization:**

No sensitizing effects known.

Low in Chromate (&lt; 2 ppm) acc. Directive 2003/53/EC

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

## 12 Ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

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## 13 Disposal considerations

- **Product:**
- **Recommendation**  
Do not allow product to reach sewage system.  
Mix product residues with water, allow to harden, then dispose of as construction waste.
- **Uncleaned packaging:**
- **Recommendation:** Empty paper packaging is recyclable.

## 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **Transport/Additional information:** Not dangerous according to the above specifications.

## 15 Regulatory information

- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**  
Xi Irritant
- **Risk phrases:**  
36/38 Irritating to eyes and skin.
- **Safety phrases:**  
2 Keep out of the reach of children.  
24/25 Avoid contact with skin and eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37 Wear suitable gloves.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**  
38 Irritating to skin.  
41 Risk of serious damage to eyes.
- **Department issuing MSDS:** Product safety department
- **Contact:**  
Dr. M. Zieger, phone +49 (0)731 4097 207  
E-Mail: msds.info@uzin-utz.com