

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2010

Version No. 2

Revision: 12.08.2010

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

- **Product details**
- **Trade name:** UZIN NC 192
- **Application of the substance / the preparation** Low Shrinkage Rapid Cement
- **Manufacturer/Supplier:**
Uzin Ltd.
Canute Point, Tachbrook Park Drive
Tachbrook Park, Leamington Spa, Warwickshire, CV34 6RH
Telephone 01926 436 700
Telefax 01926 881 893
Email info@uzin.co.uk
- **Further information obtainable from:**
Product safety department
email: 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 38 Irritating to skin.
R 41 Risk of serious damage to eyes.
- **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	75-100%
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:**
CO₂ 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 ³
	*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

Form:	Solid
Colour:	Grey
Odour:	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.
 Sets with water.

· pH-value at 20°C: 11

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.**· Materials to be avoided:****· 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:** Strong irritant with the danger of severe eye injury.**· Sensitization:**

No sensitizing effects known.

Low in Chromate (< 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

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12 Ecological information

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

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.
- **Code letter and hazard designation of product:**
Xi Irritant
- **Risk phrases:**
38 Irritating to skin.
41 Risk of serious damage to eyes.
- **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.
36/37 Wear suitable protective clothing and 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

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