

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.08.2008

Version No. 1

Revision: 05.08.2008

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

- **Product details**
- **Trade name:** codex NC 220 Komp. A
- **Application of the substance / the preparation** 2-Component Flexi sealing compound (Component A)
- **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
- **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	25-50%
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.· **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:** 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

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 both product components, allow to harden, then dispose of as construction waste.
- **Uncleaned packaging:**
- **Recommendation:**
Empty paper packaging is recyclable.
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

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:**
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
- **Contact:**
Dr. M. Zieger, phone +49 (0)731 4097 207
E-Mail: msds.info@uzin-utz.com

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- **Product details**
- **Trade name:** codex NC 220 Komp. B
- **Application of the substance / the preparation** 2-Component Flexi sealing compound (Component B)
- **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
- **Information in case of emergency:**
 Medical emergencies: +49 30 30 686 790
 Transportation emergencies: +49 621 60 43 333

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
 The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
 Dispersion Adhesive. Solvent-free, contains no liquid, organic compounds with a boiling-point < 200 °C
- **Dangerous components:** Void

4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then 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
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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· **Additional information:** Also observe the safety data sheet of component A.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
 Avoid contact with the eyes and skin.
 Wash hands before breaks and at the end of work.
 Also observe the safety data sheet of component A.
- **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:** None.

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:**
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures are to be adhered to when handling chemicals.
 Avoid contact with the eyes and skin.
 Wash hands before breaks and at the end of work.
 Also observe the safety data sheet of component A.
- **Respiratory protection:** Not required.
- **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.
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	White
Odour:	Light

· Change in condition

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

· **Flash point:** > 100°C

· **Self-igniting:** Product is not selfigniting.

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- | | |
|--|---|
| · Danger of explosion: | Product does not present an explosion hazard. |
| · Density at 20°C: | 1.0 g/cm ³ |
| · Solubility in / Miscibility with water: | Fully miscible. |
| · pH-value at 20°C: | 7 |
| · Viscosity: | |
| Dynamic at 20°C: | 5000 mPas |

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:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
 The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.
 However, also observe the safety data sheet of component A.

12 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 both product components, allow to harden, then dispose of as construction waste.
- **Uncleaned packaging:**
- **Recommendation:**
 Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

- | | |
|--|---|
| · Land transport ADR/RID (cross-border) | |
| · ADR/RID class: | - |
| · Maritime transport IMDG: | |
| · IMDG Class: | - |

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· 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:**

Observe the general safety regulations when handling chemicals.

The product is not subject to the labelling requirements under EU Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparations).

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.***· Department issuing MSDS:** Product safety department**· Contact:**

Dr. M. Zieger, phone +49 (0)731 4097 207

E-Mail: msds.info@uzin-utz.com