

Safety Data Sheet

in accordance with HSNO

Date of issue: 25.02.2025

Version No. 1

Revision: 25.02.2025

1 Identification of the substance or mixture and of the supplier

- **Other means of identification**
- **Trade name:** UZIN NC 181
- **Relevant identified uses of the substance or mixture and uses advised against** No special requirements.
- **Application of the substance / the mixture** Rapid Repair Mortar
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Uzin Utz South Pacific Ltd.
PO Box 426
Whangaparaoa 0943
New Zealand
Telephone: +64 225933782
E-Mail: sp@uzin-utz.com
- **Further information obtainable from:** Sales Department
- **Emergency telephone number:** Poison Information Service: New Zealand: 0800 POISON (0800 764 766)

2 Hazards identification

- **Classification of the substance or mixture**



GHS05 corrosion

Serious eye damage Category 1 H318 Causes serious eye damage.

- **Label elements**

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS05

- **Signal word** Danger

- **Hazard-determining components of labelling:**

Portland cement

- **Hazard statements**

Causes serious eye damage.

- **Precautionary statements**

Keep out of reach of children.

Avoid breathing dust

Wear protective gloves / eye protection.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

- **Additional information:**

Low in Chromate (< 2 ppm) acc. Regulation (EC) No 1907/2006 (REACH, annex XVII, 47).

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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3 Composition/Information on ingredients

· **Chemical characterisation: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO ₂)	25-50%
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement ⚠ Serious eye damage Category 1, H318; ⚠ Skin irritation Category 2, H315; Specific target organ toxicity - single exposure Category 3, H335	5-<10%

· **Additional information:**

The amount of respirable crystalline silica is less than 0.1 %.

For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

· **General information:** No special measures required.

· **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:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Protective equipment:** Wear dust mask.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Wear dust mask.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:** Pick up mechanically.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· **Handling:**

· **Precautions for safe handling**

Keep out of the reach of children.

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*Prevent formation of dust.**Wear suitable protective clothing, gloves and eye/face protection.**Avoid contact with the eyes and skin.**Keep away from foodstuffs, beverages and feed.**Rinse tools with water and soap immediately after use.**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.*· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Appropriate engineering controls** No further data; see section 7.· **Ingredients with limit values that require monitoring at the workplace:****CAS: 14808-60-7 Quartz (SiO₂)**WES (New Zealand) Long-term value: 0.2 mg/m³
confirmed carcinogen; respirable dustBOELV (EU) Long-term value: 0.1 * mg/m³
*respirable fraction**CAS: 65997-15-1 Portland cement**WES (New Zealand) Long-term value: 3 l * mg/m³
dsen, *respirable dust· **Personal protective equipment:**· **General protective and hygienic measures:***Prevent formation of dust.**Avoid contact with the eyes and skin.**Wear suitable protective clothing, gloves and eye/face protection.**Keep away from foodstuffs, beverages and feed.**Do not eat, drink, smoke or sniff while working.**Wash hands before breaks and at the end of work.*· **Respiratory protection:***Not required.**When mixing wear suitable dust-mask.**Thorough ventilation should be ensured during and after the installation and drying time of the product.*· **Protection of hands:**

Use nitrile impregnated cotton-gloves (EN 374)

· **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:**

Safety glasses (EN 166)

9 Physical and chemical properties

· **General Information**· **Appearance:**

· Form:	Solid
· Colour:	Grey
· Odour:	Light
· Odour threshold:	Not determined.
· pH-value at 20 °C:	11
· Change in condition	
· Melting point/freezing point:	Undetermined.
· Initial boiling point and boiling range:	Undetermined.
· Flash point:	Not applicable.
· Flammability	Not determined.
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapour pressure:	Not applicable.
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
· water:	Insoluble.
	Sets with water.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not applicable.
· Kinematic:	Not applicable.

· **Other information**

· Particle characteristics	Not determined.
· Physical state	Solid

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation**
Slightly irritant effect may occur.
Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation**
No sensitising effects known.
Low in Chromate (< 2 ppm) acc. Regulation (EC) No 1907/2006 (REACH, annex XVII, 47).
Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **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

- | | |
|----------------------------------|------|
| · UN-Number | |
| · NZS, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · NZS, ADN, IMDG, IATA | Void |

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· Transport hazard class(es)	
· NZS, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· NZS, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **New Zealand Inventory of Chemicals**

All ingredients are listed.

· **HSNO Approval numbers**

CAS: 14808-60-7 Quartz (SiO₂)

HSR003125

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations:**

· **New Zealand HSNO**

HSNO Approval Number:

HSR002544 Construction Products Subsidiary Hazard Group Standard 2020

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 phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

· **Contact:**

Telephone: +64 225933782

E-Mail: sp@uzin-utz.com

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin irritation Category 2: Skin corrosion/irritation – Category 2

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Serious eye damage Category 1: Serious eye damage/eye irritation – Category 1

Specific target organ toxicity - single exposure Category 3: Specific target organ toxicity (single exposure) – Category 3

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