

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/21/2009

Version No. 1

Reviewed on 08/21/2009

1 Identification of substance

- **Product details**

- **Trade name:** UZIN NC 110

- **Application of the substance / the preparation** Gypsum-based Levelling Compound

- **Manufacturer/Supplier:**

Manufacturer:

UZIN UTZ AG

Dieselstrasse 3

D-89079 Ulm

Germany

Tel.: +49 (0)731 4097-0

Fax: +49 (0)731 4097-110

Supplier:

UFLOOR Systems Inc.

14705 E. 33rd Place Unit D

Aurora, CO 80011

Phone: +720-374-4810

Toll-Free: +1 866-505-4810

Fax: +1 720-374-2113

- **Information department:**

Product safety department

email: msds.info@uzin-utz.com

- **Emergency information:**

For Chemical Emergency Spill Leak Fire Exposure or Accident

Call CHEMTREC Day or Night: DOMESTIC NORTH AMERICA 800-424-9300

International, call +49 621 60 43 333

2 Hazards identification

- **Information pertaining to particular dangers for man and environment:**

The product does not have to be labelled due to the calculation procedure of international guidelines.

- **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

- **Additional information:**

NFPA Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.

NFPA is the National Fire Protection Association.

HMIS Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.

HMIS®, the Hazardous Materials Identification System, is a registered mark of the National Paint and Coatings Association (NPCA).

3 Composition/Data on components

- **Chemical characterization**

- **Description:** Cement-free gypsum smoothing compound based on calcium sulphate

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· Dangerous components:
14808-60-7 Quartz (SiO₂)

10 - <25%

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air.
- **After skin contact:** After finishing work, and before meals, wash the skin with soap and water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; immediately call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing 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:** 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.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
- **Information about protection against explosions and fires:** 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 and personal protection

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

· Components with limit values that require monitoring at the workplace:
14808-60-7 Quartz (SiO₂)

PEL	see Quartz listing
REL	0.05* mg/m ³ *respirable dust
TLV	0.025* mg/m ³ *as respirable fraction

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- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Prevent formation of dust.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** When mixing wear suitable NIOSH-approved dust respirator.
- **Protection of hands:** Not required.
- **Material of gloves:** Not required.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:** Not required.

9 Physical and chemical properties

· General Information

Form:	Solid
Color:	White
Odor:	Light

· Change in condition

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

· **Flash point:** Not applicable.

· **Auto 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 (68°F):** 7

· Solvent content:

· **Solids content:** 100 %

10 Stability and reactivity

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

11 Toxicological information

- **Acute toxicity:**
- **Specific symptoms in biological assay:**
- **Primary route(s) of entry:** Inhalation, skin contact, eye contact.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effects known.
- **Subacute to chronic toxicity:**
Respirable crystalline silica (quartz) may cause a severe lung disease named silicosis. Symptoms of silicosis may be a shortness of breath, fever or cough. Silicosis is reported to increase the risk of carcinogenicity

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caused by continuous inhalation of respirable crystalline silica. Though the product itself does not contain respirable crystalline silica, respirable silica may be generated from working procedures such as grinding e.g. In general, inhalation of silica dust should be avoided. Therefore, for your own safety wear a suitable NIOSH-approved respirator in all occasions when handling of the product generates dust.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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.

Disposal should be in accordance with local, state or national legislation.

Mix product residues with water, allow to harden, then dispose of as construction waste.

· **Uncleaned packagings:**

- **Recommendation:** Empty paper packaging is recyclable.

14 Transport information

· **DOT regulations:**

- **Hazard class:** -

· **Maritime transport IMDG:**

- **IMDG Class:** -

- **Marine pollutant:** No

· **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

· **Transport/Additional information:**

Not regulated as hazardous material according to the above specifications.

15 Regulations

· **SARA (Superfund Amendments and Reauthorization Act)**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Crystalline silica (quartz) is classified as a substance known to the State of California to be a carcinogen.

14808-60-7 Quartz (SiO₂)

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· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:**

The product is not subject to regulations on classification, packaging and labeling according to EC-directives on hazardous materials.

Observe the general safety regulations when handling chemicals.

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:**

USA: Mike Hodges, phone +1 720-374-4810

Germany: Dr. Zieger, phone +49 731.409.7207

USA