

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Section 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** JK fermafloor levelling compound
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 - SU19 Building and construction work
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 - SU21 Consumer uses: Private households/general public/consumers
- **Product category** PC9b Fillers, putties, plasters, modelling clay
- **Application of the substance/the mixture** Flex Thin-Bed Mortar
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - Uzin Ltd.
 - Unit 2, Mitchell Court
 - Central Park, Rugby
 - Warwickshire, CV23 0UY
 - Telephone +44 (0) 1788 530 080
 - Fax +44 (0) 1788 536508
 - Email info@uzin.co.uk
- **Further information obtainable from**
 - Product safety department
 - email: msds.info@uzin-utz.com
- **1.4 Emergency telephone number:**
 - Medical emergencies: +49 30 30 686 790
 - Transportation emergencies: +49 621 60 43 333

Section 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

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STOT SE 3 H335 May cause respiratory irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R37/38-41: Irritating to respiratory system and skin. Risk of serious damage to eyes.

- **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.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms** GHS05, GHS07

- **Signal word** Danger

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

- **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

- **Precautionary statements**

P102 Keep out of reach of children.

P261 Avoid breathing dust.

P280 Wear protective gloves/eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

- **Additional information:** Low in Chromate (<2 ppm) acc. Regulation (EC) No 1907/2006 (REACH).

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.




- **vPvB:** Not applicable.

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Section 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement  Xi R37/38-41  Eye Dam. 1, H318;  Skin Irrit. 2, H315; STOT SE 3, H335	25-50%

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

Section 4: First aid measures

- **4.1 Description of 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. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

Section 5: Firefighting measures

- **5.1 Extinguishing media**
- **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
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

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Section 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear dust mask.
- **6.2 Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 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.

Section 7: Handling and storage

- **7.1 Precautions for safe handling**
Prevent formation of dust.
Wear suitable protective clothing, gloves and eye/face protection.
Keep away from foodstuffs, beverages and feed.
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.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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.
- **7.3 Specific end use(s)** No further relevant information available.


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Section 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

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

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Prevent formation of dust.
Wear suitable protective clothing, gloves and eye/face protection.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
Not required.
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.
- **Eye protection:** Safety glasses

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Section 9: Physical and chemical properties

- 9.1 Information on basic 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/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

- Flash point: Not applicable.

- Flammability (solid, gaseous): Not determined.

- Ignition temperature:

Decomposition temperature: Not determined.

- Self-igniting: Product is not selfigniting.

- Danger of explosion: 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.

- 9.2 Other information: No further relevant information available.

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Section 10: Stability and reactivity

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

Section 11: Toxicological information

- **11.1 Information on toxicological effects**
- **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.
- **Sensitisation:**

No sensitising effects known.

Low in Chromate (2 ppm) acc. Regulation (EC) No 1907/2006 (REACH).
- **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:

Corrosive

Section 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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Section 13: Disposal considerations

- **13.1 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.

Section 14: Transport information

- | | |
|---|--|
| • 14.1 UN-Number | |
| • ADR, ADN, IMDG, IATA | Void |
| • 14.2 UN proper shipping name | |
| • ADR, ADN, IMDG, IATA | Void |
| • 14.3 Transport hazard class(es) | |
| • ADR, ADN, IMDG, IATA | |
| • Class | Void |
| • 14.4 Packing group | |
| • ADR, IMDG, IATA | Void |
| • 14.5 Environmental hazards: | |
| • Marine pollutant: | No |
| • 14.6 Special precautions for user | Not applicable. |
| • 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| • Transport/Additional information: | Not dangerous according to the above specifications. |
| • UN "Model Regulation": | - |

Section 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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Section 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.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

- **Department issuing MSDS:** Product safety department

- **Contact:**

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

email: msds.info@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 européen sur le transport 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3