

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 15.05.2009

Revision: 15.05.2009

## 1 Identification of substance

- **Product details**
- **Trade name:** WAKOL Z 680 Levelling Compound
- **Application of the substance / the preparation** Knife filler/ Surfacers
- **Manufacturer/Supplier:**  
WAKOL GmbH  
Bottenbacher Str. 30  
66954 Pirmasens  
thomas.wieland@wakol.de
- +49 (0)6331 8001 144
- **Informing department:** Industrial Safety Department
- **Emergency information:**  
During business hours: Industrial Safety Department; +49 (0) 6331 8001 144

## 2 Hazards identification

- **Hazard designation:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**  
R 37/38 Irritating to respiratory system and skin.  
R 41 Risk of serious damage to eyes.
- **Classification system**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 3 Composition/information on ingredients

- **Chemical characterization**
  - **Description:** Mixture of substances listed below with nonhazardous additions.
  - **Dangerous components:**
- |                   |                             |           |
|-------------------|-----------------------------|-----------|
| CAS: 65997-15-1   | Cement, portland, chemicals | 10-<25%   |
| EINECS: 266-043-4 | ☒ Xi; R 37/38-41            |           |
| CAS: 65997-16-2   | cement                      | 1.0-<2.5% |
| EINECS: 266-045-5 | ☒ Xi; R 37/38-41            |           |
- **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **After inhalation** Supply fresh air.
- **After skin contact** Wash with water and acidic soap.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.

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### 5 Fire fighting measures

- **Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Avoid formation of dust.  
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**  
**65997-15-1 Cement, portland, chemicals**  
WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*inhalable dust \*\*respirable dust
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:**  
Use suitable respiratory protective device in case of insufficient ventilation.  
Filter P1
- **Protection of hands:** Protective gloves
- **Material of gloves**  
Chloroprene rubber, CR  
Nitrile rubber, NBR  
Natural rubber, NR

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- **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:** Tightly sealed goggles

**9 Physical and chemical properties:**

· **General Information**

**Form:** Powder  
**Colour:** Grey  
**Smell:** Odourless

· **Change in condition**

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

· **Flash point:** Not applicable.

· **Inflammability (solid, gaseous)** Product is not flammable.

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

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C** 1120 g/dm<sup>3</sup>

· **Solubility in / Miscibility with Water:** Fully miscible.

· **pH-value (3500 g/l) at 20°C:** >11.0 (ISO 976)

**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 composition:** 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:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **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:**· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow product to reach ground water, water course or sewage system.

**13 Disposal considerations**· **Product:**· **Recommendation**

Must be specially treated adhering to official regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

17 01 00: CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

17 01 00: concrete, bricks, tiles and ceramics

17 01 07: mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 ( 3 )

For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous. 16.2.2001 L 47/25 Official Journal of the European Communities EN

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

· **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

· **ADR/RID-GGVS/E Class:** -

· **Maritime transport IMDG/GGVSea:**

· **IMDG/GGVSea Class:** -

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

· **ICAO/IATA Class:** -

**15 Regulatory information**· **Designation according to EC guidelines:**

The product has been marked in accordance with EU Directives / respective national laws.

· **Code letter and hazard designation of product:**

Xi Irritant

· **Risk phrases:**

37/38 Irritating to respiratory system and skin.

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41 Risk of serious damage to eyes.

· **Safety phrases:**

2 Keep out of the reach of children.

22 Do not breathe dust.

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.

37/39 Wear suitable gloves and eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

· **National regulations**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **GEV-Guidline/EMICODE:** EC 1 R, "very low emission"

· **VOC:**

· **VOC (EU)** 0,0 g/l

**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**

37/38 Irritating to respiratory system and skin.

41 Risk of serious damage to eyes.

· **Department issuing data specification sheet:** Industrial Safety Department.

· **Contact:** Dr. Thomas Wieland

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