



Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.09.2008

Revision: 10.09.2008

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

- **Product details**
- **Trade name: KEIM Porosil-Leichtputz**
- **Application of the substance / the preparation** Ready-mixed mortar
- **Manufacturer/Supplier:**
KEIM MINERAL COATINGS OF AMERICA, INC.
10615 Texland Blvd. #600
Charlotte, NC 28273
Telefon: +1 (704) 588-4811
Telefax: +1 (704) 588-4991
- **Further information obtainable from:**
Product safety department, Mrs. Popescu
Telefon: +49(0)821/4802-138
E-Mail: minodora.popescu@keimfarben.de
- **Information in case of emergency:**
GBK Gefahrgut Büro GmbH
Emergency number: +49(0)6132/84463

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.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Additional information:**
This Product contains cement. Cement produces an alkaline reaction with moisture or water. Avoid contact with eyes and prolonged skin contact.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 65997-15-1 EINECS: 266-043-4	Cement, chemicals	Xi; R 38-41	10-25%
CAS: 1305-62-0 EINECS: 215-137-3	calcium dihydroxide	Xi; R 38-41	2.5-10%

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

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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.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Seek medical treatment.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:**
Avoid contact with skin and eyes.
Avoid formation of dust.
- **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:**
Store in cool, dry place in tightly closed receptacles.
Prevent formation of dust.
Provide suction extractors if dust is formed.
See item 8 for information about suitable protective equipment and technical precautions.
Respect the protection rules.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Keep in the original containers in a cool and dry place.
- **Information about storage in one common storage facility:**
Do not store together with acids.
- **Further information about storage conditions:** None.
- **Storage class:** 13

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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 Cement, chemicals	
WEL	Long-term value: 10* 4** mg/m ³
1305-62-0 calcium dihydroxide	
WEL	Long-term value: 5 mg/m ³

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale dust / smoke / mist.

- **Respiratory protection:** In a dusty environment wear suitable facemask.

- **Protection of hands:** Protective gloves

- **Material of gloves**

suitable material e.g.:

Nitrile impregnated cotton-gloves

- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Tightly sealed goggles

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **General Information**

Form:	Powder
Colour:	Grey
Odour:	Characteristic

- **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 at 20°C:** 1.0 - 1.15 * g/cm³ (Schüttgewicht)

- **Solubility in / Miscibility with water:** Fully miscible.

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· pH-value at 20°C:	11.5 - 13
· Additional information:	* The values are for freshly produced material and may change with the time.

10 Stability and reactivity

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

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

1305-62-0 calcium dihydroxide		
Oral	LD50	7340 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **during inhalation:** Irritating to respiratory system.
- **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

12 Ecological information

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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* 13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

· European waste catalogue	
17 01 01	concrete

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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:**
No dangerous good in sense of these transport regulations.

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.
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.

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

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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:** Mrs. Popescu