

# SAFETY DATA SHEET: SD/P03

in accordance with directives 91/155/EEC, and § 14 - GefStoffV. (ordinance on hazardous substances) revised on 18.12.2003

## 1. Identification of the substance / preparation and of the company

### Product details:

The safety data sheet is valid for the following products:

Trade names:

|                             |                            |
|-----------------------------|----------------------------|
| <b>biorit®</b>              | Natural finish render      |
| <b>pico® der Feine</b>      | Fine surface finish render |
| <b>presto® der Schnelle</b> | System render              |

### Manufacturer / supplier identification

|   |   |
|---|---|
| Manufacturer/Supplier:                  | KNAUF MARMORIT GmbH   |
| Street/P.O. box:                        | Ellighofen 6  |
| Nat. Ident./Postal code/City:           | D-79283 Bollschweil   |
| Telephone:                              | (0 76 33) 8 10-0  |
| Facsimile:                              | (0 76 33) 8 10-113  |
| Department responsible for information: | Qualitätswesen (Quality Department)   |
| Telephone:                              | (0 76 33) 8 10-142  |
| Emergency information:                  | Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie, Berlin |
| Emergency telephone number:             | (0 30) 1 92 40  |

## 2. Composition / Information on ingredients

Description: Dry mortar, according to DIN 18557 composed of mineral bonding material and aggregates.

Substances with identification requirement:

|               |                   |
|---------------|-------------------|
| CAS No.:      | 1305-62-0         |
| Designation:  | Calcium hydroxide |
| Index:        | Xi                |
| Risk phrases: | R 36, 38          |
| M %:          | 0-5 %             |

|               |                       |
|---------------|-----------------------|
| CAS No.:      | 65997-15-1            |
| Designation:  | White Portland cement |
| Index:        | Xi                    |
| Risk phrases: | R 38, 41              |
| M %:          | 5 - 10%               |

Identification numbers:  
215-137-3 (Einecs No.) for calcium hydroxide  
266-043-4 (Einecs No.) for Portland cement

Additional information:

The hazard designation „irritant“ is not applicable for dry powder, but only after moisture or water action (alkaline reaction).  
The preparation is low in chromate in accordance with TRGS 613.

## 3. Hazard Identification

Hazard identification:  
Xi, irritant

Information pertaining to particular dangers for man:  
R 36 Irritating to eyes

## 4. First Aid Measures

General information:  
S 2 Keep out of reach of children

After inhalation:  
S 22 Do not inhale the dust

After skin contact:  
S 24 Avoid any contact with the skin

After eye contact:  
S26 Immediately rinse opened eye thoroughly under running water and seek medical advice.

After ingestion:  
S46 In case of ingestion seek medical attention immediately and show packaging or label.

## 5. Fire Fighting Measures

Suitable extinguishing media:  
Mortar is non flammable; fight larger ambient fires with powder type fire extinguisher

## 6. Accidental Release Measures

Person-related safety precautions:  
Not applicable.

Measures for environmental protection:  
Do not allow to enter sewers and drains uncontrolled

Measures for cleaning/collecting:  
Pick up mechanically (dry).

## 7. Handling and Storage

### Handling

Information for safe handling:  
Transport in closed receptacles or packaging.

### Storage

Requirements to be met by storerooms and receptacles:  
Keep away from moisture. Store under dry conditions.

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## 8. Exposure Controls and Personal Protection

Components with workplace relevant concentration limits that require monitoring at the workplace.

CAS No.: 65997-15-1  
Designation of material: White Portland cement  
Type: MAK  
Value: 5  
Unit: mg/m<sup>3</sup>

The indicated value has been taken from the lists valid at the time of issue (e. g. TRGS 900 for the Federal Republic of Germany).

### Personal protective equipment

Respiratory protection:  
Wear breathing mask in case of formation of dust.

Hand protection / eye protection:  
S39 Wear safety glasses / face screen

Body protection: Not applicable

Hygienic measures:  
Observe the regulations of the respective trade association.  
(Instructions ZH 1 / 134 Hauptverband d. Gewerbl. BG).

## 9. Physical and Chemical Properties

### Appearance

Form: powder  
Color: white or colored  
Odor: odorless

Apparent density (T=20°C) 0.9 - 1.5 g/cm<sup>3</sup>  
pH value (T=20°C) 11.5 - 13.0  
Solubility (in water) (T=20°C) 1,650 mg/l  
(for calcium hydroxide)

## 10. Stability and Reactivity

Materials to be avoided: not applicable

## 11. Toxicological Information

None

## 12. Ecological Information

Ecotoxicological effects:  
Do not allow mortar to reach inshore waters / ground water, water course or sewage system uncontrolled; disturbance caused by increased pH value.

## 13. Disposal Considerations

### Product

EAK-Code:  
17 09 04 Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.

Recommendation:  
Can be reused if picked up dry. Let residues with water become hardened and dispose of these rests on the disposal site for construction waste.

## 14. Transport Information

Comments: No identification required.

## 15. Regulatory Information

### Identification in accordance with the EC directives

Code letter and hazard designation of the product:  
Xi irritant

### Risk phrases:

R 36 Irritating to eyes

### Safety phrases:

S2 Keep out of reach of children  
S22 Do not inhale the dust  
S24 Avoid any contact with the skin  
S26 After eye contact: Immediately rinse opened eye thoroughly under running water and seek medical advice.  
S39 Wear safety glasses / face protection.  
S46 In case of ingestion seek medical attention immediately and show packaging or label.

### National Regulations

Water risk class:  
1 (self assessment)

## 16. Other Information

Department that issues the data sheet:  
Quality management department

Contact: Dr. Sigmund