

SAFETY DATA SHEET: SD/P02

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:

MARMORIT elfer
MARMORIT LUP 222®

Fibrous light basecoat render
Lime and cement light
basecoat render

MARMORIT SOCKEL-DICHT
MARMORIT SOCKEL LUP
MARMORIT STENS® GRUND

Flexible slurry-type seal coating
Light plinth render
Reconstruction undercoat WTA
following WTA Recommendations
2-2-911

MARMORIT UP 310®

Foundation plaster

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.: 68475-76-3
Designation: Portland cement
Index: Xi
Risk phrases: R 38, 41, 43
M %: 10 - 20 %

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 41 Danger of serious eye injuries.
R 43 May cause sensitization by skin contact

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; for larger ambient fires use 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.: 68475-76-3
Designation of material: Portland cement
Type: MAK
Value: 5
Unit: mg/m³

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:
S37/S39 Wear appropriate protective gloves and 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: cement color
Odor: odorless

Apparent density (T=20°C) 0.9 - 1.5 g/cm³
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 41 Danger of serious eye injuries
R 43 May cause sensitization by skin contact.

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.
S37/39 Wear suitable protective gloves and eye/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