

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Product name : DP 007

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Intended for general public

Main use category : Professional use, Consumer use

Use of the substance/mixture : Fillers, putties, plasters, modelling clay, mortar

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Supplier**

Knauf Gips KG
Am Bahnhof 7
97346 Iphofen - Deutschland
T +49 932331-0 - F +49 932331-277
zentrale@knauf.de - www.knauf.de
E-mail address of competent person responsible for the SDS : sds-info@knauf.de

Technical information

Technical information service
T +49 (0)9001/31-2000 (see section 16)
knauf-direkt@knauf.de

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin Irrit. 2 H315

Eye Dam. 1 H318

STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye damage.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display**

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) : Danger

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| | |
|--------------------------------|--|
| Hazard statements (CLP) | : H315 - Causes skin irritation. H318 - Causes serious eye damage. H335 - May cause respiratory irritation. |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children. P261 - Avoid breathing dust. P280 - Wear protective gloves, eye protection, protective clothing. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P313 - Get medical advice/attention. |
| Extra phrases | : In case of proper storage in a dry location low in chromate content for at least 9 months from date of manufacture. |

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-------------------|--|-----------|---|
| calcium hydroxide | (CAS-No.) 1305-62-0 (EC-No.) 215-137-3 (REACH-no) 01-2119475151-45 | 25 - < 50 | Eye Dam. 1, H318 Skin Irrit. 2, H315 STOT SE 3, H335 |
| Portland cement | (CAS-No.) 65997-15-1 (EC-No.) 266-043-4 | 25 - < 50 | Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 |

Comments : Low in chromate according to EU-Regulation 1907/2006 (REACH).

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Observe the label precautions. When in doubt or if symptoms are observed, get medical advice. Take off immediately all contaminated clothing. |
| First-aid measures after inhalation | : Allow affected person to breathe fresh air. Seek medical attention if irritation develops. |
| First-aid measures after skin contact | : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse opened eye for several minutes under running water. Then consult doctor. |
| First-aid measures after ingestion | : Rinse mouth. Drink plenty of water. Do NOT induce vomiting. IN ALL CASES CONSULT A DOCTOR!. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|-------------------------------------|
| Symptoms/effects after inhalation | : May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Irritation. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Chemical powder. In case of fire in the surroundings:

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according to Regulation (EU) 2015/830

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid dust formation.

6.1.1. For non-emergency personnel

Protective equipment : Breathing apparatus needed only when dust is formed.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Clear contaminated areas thoroughly.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Protect from moisture. Avoid dust formation. Keep out of reach of children. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from moisture. Avoid creating or spreading dust.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| calcium hydroxide (1305-62-0) | | |
|-------------------------------|---------------------------------|---|
| EU | Local name | Calcium dihydroxide |
| EU | IOELV TWA (mg/m ³) | 1 mg/m ³ Respirable fraction |
| EU | IOELV STEL (mg/m ³) | 4 mg/m ³ Respirable fraction |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|------|----------------------|-------------------|----------------|-------------|----------|
| | Nitrile rubber (NBR) | 6 (> 480 minutes) | | | |

Eye protection:

Safety glasses

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| Type | Use | Characteristics | Standard |
|-----------------------|-----|-----------------|----------|
| Sealed safety goggles | | | EN 166 |

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

| Device | Filter type | Condition | Standard |
|-----------|-------------|-----------------|----------|
| Dust mask | Type P2 | Dust protection | EN 149 |



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------------|
| Physical state | : Solid |
| Appearance | : Powder. |
| Colour | : Grey. |
| Odour | : characteristic. odourless. |
| Odour threshold | : No data available |
| pH | : No data available |
| pH solution | : 11 - 12 Saturated solution |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : Not applicable |
| Boiling point | : No data available |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : Not applicable |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : Not applicable |

9.2. Other information

| | |
|--------------|--------------------------------|
| Bulk density | : $\approx 0.2 \text{ g/cm}^3$ |
|--------------|--------------------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| calcium hydroxide (1305-62-0) | |
|--------------------------------------|---|
| LD50 oral rat | > 2000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral) |
| LD50 dermal rabbit | > 2500 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal) |

| | |
|-----------------------------------|-------------------------------------|
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye damage. |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

| calcium hydroxide (1305-62-0) | |
|--------------------------------------|--|
| LC50 fish 1 | 50.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) |
| EC50 Daphnia 1 | 49.1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |
| EC50 72h algae (1) | 184.57 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |

| Portland cement (65997-15-1) | |
|-------------------------------------|----------------------------|
| LC50 fish 1 | > 1000 mg/l (96 h, Pisces) |

12.2. Persistence and degradability

| calcium hydroxide (1305-62-0) | |
|--------------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |

| Portland cement (65997-15-1) | |
|-------------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |

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| Portland cement (65997-15-1) | |
|-------------------------------------|----------------|
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |

12.3. Bioaccumulative potential

| calcium hydroxide (1305-62-0) | |
|--------------------------------------|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |

| Portland cement (65997-15-1) | |
|-------------------------------------|----------------------------------|
| Bioaccumulative potential | Bioaccumulation: not applicable. |

12.4. Mobility in soil

| calcium hydroxide (1305-62-0) | |
|--------------------------------------|------------------------|
| Ecology - soil | Adsorbs into the soil. |

| Portland cement (65997-15-1) | |
|-------------------------------------|---|
| Ecology - soil | No (test)data on mobility of the substance available. |

12.5. Results of PBT and vPvB assessment

| Component | |
|-------------------------------|---|
| calcium hydroxide (1305-62-0) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Portland cement (65997-15-1) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Remove waste in accordance with local and/or national regulations. Only pass on empty containers/packaging for recycling.

European List of Waste (LoW) code : 17 01 01 - concrete

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

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14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

This safety data sheet replaces the previous version of 5/28/2015. The following changes were made:

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |

Knauf SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.