

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**Trade name: **Dichtpulver****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the preparation:** Mortar admixtures**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Knauf Bauprodukte GmbH &amp; Co. KG

Postfach 10

97343 Iphofen

Deutschland

Tel +49 (0)9323/31-0

Fax +49 (0)9323/31-323

**Further information obtainable from:**

Technical information service

Tel +49 (0)1805/31-9000 (14 cents / min. from the German network; mobile telephone prices may differ)

E-mail KnaufBP-Direkt@Knauf-Bauprodukte.de

**1.4 Emergency telephone number:**

Hotline for symptoms of poisoning and embryonic toxicology, Berlin

Tel +49 (0)30-19240

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

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Xi; Irritant

R41: Risk of serious damage to eyes.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS05

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 23.02.2015

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**Trade name: Dichtpulver****Signal word** Danger**Hazard-determining components of labelling:**

Cement, portland, chemicals

**Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**Precautionary statements**

P102 Keep out of reach of children.

P261 Avoid breathing dust.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

When properly stored dry, low in chromate for at least 24 months from date of manufacture.


**2.3 Other hazards**

The preparation produces an alkaline reaction when exposed to moisture. Please take this into consideration when processing the material and avoid extended contact with the skin or make sure to wear gloves.

**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****Chemical characterisation: Mixtures****Description:** Dry powder made of cement, quarry sand, limestone powder and sodium oleate.**Dangerous components:**

CAS: 65997-15-1 Cement, portland, chemicals

&lt;20%

EINECS: 266-043-4  Xi R37/38-41 Eye Dam. 1, H318;  Skin Irrit. 2, H315; STOT SE 3, H335**Additional information:** For the wording of the listed risk phrases refer to section 16.**Remark:**

The hazard declaration "irritant" does not apply to dry powder but only to the admittance of moisture or water (alkaline reaction).

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

Materials with a threshold value for exposure in the workplace – see point 8.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** Change any soiled or impregnated clothing.**After inhalation:**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304+340)

Seek medical treatment in case of complaints.

**After skin contact:**

IF ON SKIN: Wash with plenty of soap and water. (P302+352b)

If skin irritation occurs: Get medical advice/attention. (P332+313)

**After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

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**Trade name: Dichtpulver****After swallowing:**

Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.

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

After eye contact: Causes serious eye damage.  
Irritating to skin.

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

No further relevant information available.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.  
**For safety reasons unsuitable extinguishing agents:** None.

**5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

**5.3 Advice for firefighters** No special measures required.

**Protective equipment:** No special measures required.

**Additional information** The product is not flammable.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.  
Ensure adequate ventilation  
Do not inhale dust.

**6.2 Environmental precautions:** Do not allow to enter sewers / surface or ground water.**6.3 Methods and material for containment and cleaning up:**

Avoid formation of dust.  
Pick up (dry) mechanically.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Avoid contact with the eyes and skin.  
Prevent formation of dust.  
Do not inhale dust.  
Ensure good ventilation / exhaustion at the workplace.  
Wash thoroughly after handling. (P264)  
Take off contaminated clothing and wash before reuse. (P362)  
**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.  
**Information about storage in one common storage facility:** Do not store together with acids.

**Further information about storage conditions:**

Keep container tightly sealed.  
Store in dry conditions.

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7.3 Specific end use(s) No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

Additional information about design of technical facilities: No further data; see item 7.

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

General dust:

1.25 mg/m<sup>3</sup> A (DE) 4 mg/m<sup>3</sup> A (GB), 10 mg/m<sup>3</sup> E (GB, DE)**CAS: 65997-15-1 Cement, portland, chemicals (<20%)**WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>

\*inhalable dust \*\*respirable dust

**Remark** A = alveolar fraction, E = inhalable fraction**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****General protective and hygienic measures:**

Avoid contact with the eyes and skin.

Use skin protection cream for skin protection.

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

**Respiratory protection:** Wear dust mask FFP2 if dust forms.**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

**Material of gloves** Cotton gloves impregnated with nitrile.**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:**

Eye glasses with side protection.

**Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:** Powder**Colour:** Grey**Odour:** Odourless

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<b>Odour threshold:</b>	Not determined.
<b>pH-value (1000 g/l) at 20 °C:</b>	ca. 12
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Not applicable.
<b>Boiling point/Boiling range:</b>	Not applicable.
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	Not applicable.
<b>Decomposition temperature:</b>	as of ~150 °C
<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Vapour pressure:</b>	Not applicable.
<b>Density:</b>	Not determined.
<b>Bulk density at 20 °C:</b>	1450 kg/m <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with water:</b>	~1,5% at 20 °C
<b>Partition coefficient (n-octanol/water):</b>	Not applicable.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
<b>9.2 Other information</b>	No further relevant information available.

### **SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** Avoid damp conditions.

**10.5 Incompatible materials:** Acids.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### **SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Strong irritant with the danger of severe eye injury.

**Sensitisation:** No sensitising effects known.

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**Trade name: Dichtpulver****Additional toxicological information:**

Dusts could cause irritation to the upper respiratory system.  
Sustained and repeated inhalation of the dust could cause damage to the respiratory system.  
Ingestion of larger quantities can cause irritation to the digestive tract.  
Serious skin damage could be the result of this product being in contact with the skin for prolonged periods when the skin is moist.

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**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

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

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13 Waste treatment methods****Recommendation** Disposal must be made according to official regulations.**European waste catalogue**

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

**Uncleaned packaging:****Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**SECTION 14: Transport information****14.1 UN-Number**

ADR, IMDG, IATA Void

**14.2 UN proper shipping name**

ADR, IMDG, IATA Void

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA

**Class** Void**14.4 Packing group**

ADR, IMDG, IATA Void

**14.5 Environmental hazards:** Not applicable.**14.6 Special precautions for user** Not applicable.**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

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UN "Model Regulation": -

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:****Waterhazard class:**

Water hazard class 1 (VwVwS Germany 17.05.1999): slightly hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 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 phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

**Department issuing MSDS:** Knauf Gips KG, Abteilung Nachhaltigkeit und REACH, 97343 Iphofen**Contact:** Technical information service (see point 1)**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

**\* Data compared to the previous version altered.**