

Safety data sheet
according to 1907/2006/EC, Article 31



Printing date 20.11.2019

Version: 1 (GB)

Revision: 20.11.2019

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking**

1.1 Product identifierTrade name: **KNAUF FLEX****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:** Rentering**1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:**

Knauf Cyprus
Christou Zeipekki 1,
4504 Vasa Kellakiou
Limasol
Cyprus
Tel. +357-25821040
Fax +357-25821043

Further information obtainable from:

Technical information service
Tel +357-25821040 (see point 16)
E-mail knauf@knauf.com.cy

1.4 Emergency telephone number:

Hotline for symptoms of poisoning and embryonic toxicology,
Tel 1401

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.

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



GHS07

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

Cement, portland, chemicals

Hazard statements

H315 Causes skin irritation.

H317 May cause an allergic skin reacting

H318 Causes serious eye damage

H335 May cause respiratory irritation

Precautionary statements

P102 Keep out of reach of children.

P103 Read label before use position comfortable for breathing

P261 Avoid breathing dust,fume,gas,mist,rapous,spray

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.

P310 Immediately call a POISON CENTER or doctor/physician.

P302+P340 IF INHALED:Remove victim to fresh air keep at rest in a position comfortable for breathing.

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

EU1+208 Contains cement Portland. May produce an allergic reaction



Additional information:

When properly stored dry, low in chromate for at least 6 months from date of manufacture.

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****Chemical characterisation: Mixtures****Description:** Mineral dry mortar with cement and additives.**Dangerous components:**

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

30-20%

EINECS: 266-043-4  Eye Dam. 1, H318;  Skin Irrit. 2, H315; STOT SE 3, H335**Remark:**

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

The mixture is low in chromate, because the content of sensitizing chromium (VI) is reduced by additives to below 2 ppm in the cement portion of the mortar. Prerequisite for the effectiveness of the chromate reduction is the proper storage and observance of the expiration date. Materials with a threshold value for exposure in the workplace – see point 8.

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Trade name: **KNAUF FLEX****SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** Change any soiled or impregnated clothing.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:**

Wash off with water and soap and rinse again.

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

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available

SECTION 5: Firefighting measures**General information:**

Product itself does not burn.

For surrounding fires following points should be observed.

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****Protective equipment:** Wear self-contained respiratory protective device.**Additional information**

Product corroborates upon contact with water.

The product is not flammable.

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

Ensure adequate ventilation

Avoid formation of dust.

Do not inhale dust.

Product forms slippery surface when combined with water.

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

Pick up (dry) mechanically.

Avoid formation of dust.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with the eyes and skin.

Ensure adequate ventilation.

Prevent formation of dust.

Do not inhale dust.

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:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Store in dry conditions.**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/m³ A (DE) 4 mg/m³ A (GB), 10 mg/m³ E (GB, D E)**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:**

The usual precautionary measures are to be adhered to when handling chemicals.

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.

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Trade name KNAUF FLEX**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
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9.1 Information on basic physical and chemical properties**General Information****Appearance:**

Form: Powder
Colour: white-grey

Odour: Odourless
Odour threshold: Not determined.

pH-value: Not applicable in the supplied state, aqueous suspension
>11

Change in condition

Melting point/Melting range: Not applicable.

Boiling point/Boiling range: Not applicable.

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not applicable.

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Vapour pressure: Not applicable.

Density: Not determined.

Bulk density at 20 °C: 1300-1550 kg/m³

Relative density Not determined.

Vapour density Not applicable.

Evaporation rate Not applicable.

Solubility in / Miscibility with water at 20 °C: Not determined

Partition coefficient (n-octanol/water): Not applicable.

Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

9.2 Other information No further relevant information available.

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Trade name: **KNAUF FLEX****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:** None known.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects** Not toxic.**Acute toxicity** Based on available data, the classification criteria are not met.**Primary irritant effect:****Skin corrosion/irritation**

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**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.

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SECTION 13: Disposal considerations

13 Waste treatment methods

Recommendation Disposal must be made according to official regulations.

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 Marpol and the IBC Code

Not applicable.

UN "Model Regulation":

Void

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Authorisations and/or restrictions on use : Not applicable.
(Annex XVII)

15.1.2. National regulations

No data available

15.2. Chemical Safety Assessment

No data available

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Trade name: **KNAUF FLEX****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.

Department issuing MSDS: Knauf Cyprus Ltd, Christou Zeipekki 1, 4504 Vasa Kellakiou**Contact:**Tel. +357-25821040, Fax +357-25821043, E-Mail: knauf@knauf.com.cy**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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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