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

1.1 Product identifier  
**Trade name:** N 410

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:** Knife Filler and levelling compound.

1.3 Details of the supplier of the safety data sheet  
**Manufacturer/Supplier:**  
Knauf Gips KG  
Postfach 10  
97343 Iphofen  
Germany  
Tel +49 (0)9323/31-0  
Fax +49 (0)9323/31-277  

**Further information obtainable from:**  
Technical information service  
Tel +49 (0)9001/31-1000 (see point 16)  
E-mail Knauf-Direkt@Knauf.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.

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

**Signal word** Danger  
**Hazard-determining components of labelling:**  
White cement
Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements
P102 Keep out of reach of children.
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+P352 IF ON SKIN: Wash with plenty of soap and water.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
The mixture 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 mortar made from calcium sulfate, quarry sand, limestone powder, vinyl acetate copolymer, melamine-polycondensate.

Dangerous components:
CAS: 65997-15-1 White cement 1%
EINECS: 266-043-4 Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335

Further components:
CAS: 7778-18-9 calcium sulfate
EINECS: 231-900-3
Reg.nr.: 01-2119444918-26-XXXX
Remark:
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: Immediately remove all soiled and contaminated clothing
After inhalation:
Supply fresh air.
Seek medical treatment in case of complaints.

After skin contact:
Immediately wash with water and soap and rinse thoroughly.
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.

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
After eye contact: Irritating to eyes.
Irritating to skin.

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: All extinguishing agents are suited.
For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture None.

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

6.4 Reference to other sections
Product corroborates upon contact with water.
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.
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: Not required.
Further information about storage conditions:
Keep container tightly sealed.
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, DE)
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
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: White
Odour: Odourless
**Safety data sheet**

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

*Printing date 16.12.2015  
Version: 1 (GB)  
Revision: 15.12.2015*

**Trade name:** N 410

- **Odour threshold:** Not determined.
- **pH-value:** Not applicable in the supplied state, aqueous suspension 11-12.
- **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 self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapour pressure:** Not applicable.
- **Density:**
  - **Bulk density:** c. 1300 kg/m³
  - **Relative density** Not determined.
  - **Vapour density** Not applicable.
  - **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with water:** c. 1% at 20 °C
- **Partition coefficient (n-octanol/water):** Not applicable.
- **Viscosity:**
  - **Dynamic:** Not applicable.
  - **Kinematic:** Not applicable.

### 9.2 Other information

Thermal decomposition of gypsum in CaSO₄ and H₂O from 140 °C in CaO and SO₃ from 1000 °C

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**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.
Avoid damp conditions.

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

10.4 **Conditions to avoid** 
No further relevant information available.

10.5 **Incompatible materials:** None known.

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

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**SECTION 11: Toxicological information**

11.1 **Information on toxicological effects**

**Acute toxicity** 
Based on available data, the classification criteria are not met.
Trade name: N 410

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.

Additional toxicological information: Non-toxic.
CMR effects (carcinogenity, 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.

SECTION 13: Disposal considerations

13 Waste treatment methods
Recommendation Dried material can be disposed of with household waste.

European waste catalogue
17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01
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
Trade name: **N 410**

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

National regulations:

Waterhazard class:

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.

**Department issuing MSDS:** Knauf Gips KG, Abteilung Nachhaltigkeit und REACH, 97343 Iphofen

**Contact:**
Technical information service (see point 1)
A call to Knauf Direkt will be charged at 0.39 € per minute. Callers, the telephone numbers of whom are not saved in the Knauf Gips KG address database, e.g. private property owners or non-customers, will pay 1.69 € per minute from the German network. Callers using mobile telephones will be charged according to the network provider and tariff.

**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
tPvB: 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