



**Safety Data Sheet acc.
Regulation (EC) No 1907/2006**

| | |
|--|----------------------|
| Date issued: 18.12.2014 Revision Date: 12.04.2017 | Version: 0003 |
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N/A = Not Applicable
DNA = Data Not Available

Knauf Aquapanel GmbH & Co. KG

1. Identification of the substance / preparation and company

1.1 Substance / preparation

Commercial product name **AQUAPANEL® Cement Board Indoor, AQUAPANEL® Cement Board Indoor – Lighter. Easier. Faster, AQUAPANEL® Cement Board Outdoor, AQUAPANEL® Cement Board Floor Tile Underlay, AQUAPANEL® Cement Board SkyLite, AQUAPANEL® Cement Board Universal, AQUAPANEL® Cement Board Rooftop 12,5 mm, AQUAPANEL® Cement Board Rooftop 6 mm**

Application **Fiberglass reinforced carrier plates and façade backing boards**

Product-code.

Order-No.

Composition-No.

1.2 Company/Undertaking identification

Knauf Aquapanel GmbH & Co. KG

Zur Helle 11

D- 58638 Iserlohn

Telephone: int+49-(0)2374-50360

Fax: int+49-(0)2374-5036300

e-mail: aquapanel.info@knauf.com

1.3 Emergency telephone

Giftnotruf Berlin, Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

Telephone: int+49-(0)30-19240

2. Classification according to Regulation (EC) No 1272/2008

Not classified.

2.1 Description of hazards

Hazards are not expected.

2.2 Impact on human health

Hazards are not expected.

2.3 Impact on environment

Water hazard class WGK 1 (self-classification)

3. Composition / Information on ingredients

The product is an article according Regulation 1907/2006. The function of an article is mainly determined due to the specific shape, surface and less due to the chemical composition. The carrier plate is composed of cement, fillers and mineral fibres.

3.1 Hazardous constituents according to Regulation 1907/2006/EC

| CAS-No. | EC-No. | Chemical name | m % | pictogram | H-Phrases |
|---------|--------|---------------|-----|-----------|-----------|
| N/A | N/A | N/A | N/A | N/A | N/A |

see for H-Phases at chapter 16.2.

3.2 Substances, not listed in chapter 2.1

(see chapter 8.)

Portland cement

CAS 65 997-15-1 / EC 266-

043-4

3.3 additional information

low chromate concentration according to TRGS 613. (Germany), 1907/2006/EC Annex XVII, No 47, ChemikalienverbotsVO

4. First Aid Measures

4.1 General information

Consult physician immediately, if discomfort occurs after contact with the product.

4.2 Inhalation

Remove the person to fresh air, obtain medical assistance.

4.3 Skin contact

Flush immediately with plenty of water and soap. Remove contaminated clothing immediately from skin.

4.4 Eye contact

Irrigate with plenty of water and obtain medical advice.

4.5 Ingestion

Do not induce vomiting. Consult physician immediately.

4.6 Information for the physician



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Symptoms N/A
Hazards Hazards not expected
Treatment symptomatic treatment
4.7 *First aid equipment* N/A
4.8 *Additional Information* None

5. Fire-fighting Measures

5.1 Suitable extinguishing media

The product is not flammable.

5.2 Unsuitable extinguishing media

The product is not flammable.

5.3 Special hazards caused by substance or preparation itself, its combustion products or released gases

Hazards not expected.

5.4 Special protective equipment

Adapt equipment on surrounding combustion.

5.5 Additional information

None.

6. Accidental release Measures

6.1 Personal protection (see chapter 8., personal protection)

Ventilate sufficiently.

6.2 Environmental protection (see chapter 13., disposal)

Keep away from surface water, ground water and drains.

6.3 Methods on cleaning up

Absorb mechanically and dispose of according to legal provisions.

6.4 Additional information

None

7. Handling and Storage (National regulations see chapter 15., 16.)

7.1 Handling

Advice on safe handling

See chapter 8

Fire control and explosion prevention

No special measures

Additional requirements

None

7.2 Storage

Requirements for storage and vessels

None

Advice on storage compatibility

Keep away from acids

Further information on storage conditions

Keep dry

Storage category

13 (VCI storage concept)

7.3 Special usage

DNA

8. Exposure and personal protection

8.1 exposure limit values according to TRGS 900 (please see transition period)

| CAS-No. | Chemical Name | Limits | Type of Limit |
|------------|------------------------|---------------------|-----------------|
| 65997-15-1 | Portland cement (dust) | 5 mg/m ³ | total inhalable |

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8.2 Limitation and control of occupational exposure

See chapter 7

Personal protection

Respiratory protection

Not applicable in duly practice. In case of dust formation use dust mask P2.

Hand protection

Use protective gloves.

Eye protection

Protective goggles where eye contact is possible.

Body protection

Wear protective overalls and footwear.

Skin protection

Use revitalizing cream

General measures

Wash hands before breaks and end of work. When using do not drink or eat.

9. Physical and chemical properties

9.1 General information

Form: solid

Colour: cement-grey

Odour: Odourless

9.2 Important information on health- and environmental safety

Melting point:

>1000 °C

Grammage (kg/m²):

ca. 17

Density (g/cm³):

1200 up to 1450

9.3 Additional information

None

10. Stability and reactivity

10.1 Hazardous reactions

No hazardous reactions known.

10.2 Hazardous decomposition products

No hazardous decomposition products known.

10.3 Additional information

None

11. Toxicological information

11.1 Toxicological tests

11.1.1 Acute toxicity / specific result of animal experiments

LD50 rats, oral

(mg/kg)

DNA

LC50 rats, inhalation

(mg/l/4h)

DNA

LD50 rats, dermal

(mg/kg)

> 2000

11.1.2 Irritancy and corrosiveness / sensitizing effect

Skin irritation

DNA

Eye irritation

Direct contact on mucous membranes may cause irritation of the eyes. Mechanic irritation possible (wear safety glasses).

Skin sensitisation

Repeated or prolonged contact may cause skin irritation (wear impervious gloves).

11.1.3 Subchronic, prolonged toxicity / carcinogenetic, mutagenicity and reproductive toxicity effects

Carcinogenity

DNA

Mutagenicity

DNA

Reproductive toxicity

DNA

Chronic Toxicity

DNA

11.1.4 Additional Information

11.2 Past experience

11.2.1 Relevant observations for classification

Due to the hydrophobic properties and the alkalinity of cement direct contact on mucous membranes may cause irritation of the eyes.

11.2.2 Other observations

Repeated or prolonged contact may cause skin irritation.

11.3 General information

Toxicity studies have not been conducted on this product.



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12. Ecological information

12.1 Ecotoxicity

Aquatic Toxicity:

| | |
|-------------------------------------|-----|
| 96 h LC50 (fish) | DNA |
| 48 h EC50 (Daphnia) | DNA |
| 72 h IC50 (Alga) | DNA |
| Waste water treatment plant: | DNA |

12.2 Mobility

DNA

12.3 Persistence and degradability

DNA

12.4 Bioaccumulation potential

DNA

12.5 Other adverse effects

| | |
|---|------|
| Ozone depletion | DNA. |
| Potential for photochemical ozone formation | DNA |
| AOX | DNA |

12.6 Additional information

| | |
|-----------|-----|
| COD-Value | DNA |
| BOD-Value | DNA |

Substances according to regulations 2006/11/EC
None

12.7 Water endangerment category

Slightly water endangering (WGK1), self-classified
Keep away from drains, surface water and groundwater

12.8 Result of PBT assessment

DNA

13. Advice on disposal

13.1 Disposal according to national regulations (*Abfallverzeichnis Verordnung, Germany*)

| | |
|--------------|---|
| Notice: | this recommendation is only for unused product, for further information please refer to local regulations |
| Category: | Construction and demolition wastes |
| Description: | concrete, bricks, tiles and ceramics |
| Waste code : | 17 01 07 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| Disposal : | D 1 above/ in ground waste storage (e.g. landfill) |
| Recycling : | R 3/5 utilization/recuperation of organic materials, those that are not used as solvents Utilization/recuperation of other organic materials |

13.2 uncleaned packages

| | |
|---------------------------------|---|
| Advice: | containers are to be emptied. The containers can be reused. |
| Recommended cleaning procedure: | a removal of the dry remaining content is possible. |

14. Transport information

14.1 Land transport ADR / RID / GGVSE

Not classified as hazardous for transport.

14.2 Marine transport IMDG / GGVSee

Not classified as hazardous for transport.

14.3 Air transport ICAO / IATA

Not classified as hazardous for transport.



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15. Regulatory information

15.1 National regulations

Advice on: N/A
Statutory order on hazardous incidents: N/A
Technische Anleitung Luft: N/A
Water hazard class: WGK 1 (self-classification)

Other regulations, restrictions:

None known

15.2 Chemical Safety Report

DNA

16. Additional information

16.1 Record retention

NA

Customers

industry, private consumers

16.2 Wording of P-phrases

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

P305/P351/P338/P310– IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P302/P352/P333/313 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261/P304/P340/312 – Avoid breathing dust. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

16.3 responsible division / contact / telephone

Contact information:

Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, D-58638 Iserlohn

Telephone: int+49-(0)2374-50360

Fax: int+49-(0)2374-5036300

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changes in documentation: update of waste catalogue number

16.4 This data sheet provides you with reference points for the safe handling, storage, transport and disposal. The information is based on the current level of knowledge and assures no certain characteristics. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the products AQUAPANEL® Cement board indoor, outdoor.