

SAFETY INFORMATION

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH)

Print date: 16 May 2023

Version: 8



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AQUAPANEL® Cement Board

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

1.1. Product identifier

Trade name/designation:

AQUAPANEL® Cement Board

Other means of identification:

AQUAPANEL® Cement Board Indoor -Lighter. Easier. Faster

AQUAPANEL® Cement Board Outdoor

AQUAPANEL® Cement Board Floor Tile Underlay

AQUAPANEL® Cement Board SkyLite

AQUAPANEL® Cement Board Rooftop 12,5 mm

AQUAPANEL® Cement Board Rooftop 6 mm

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

Use of the substance/mixture:

Building material

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

KNAUF Aquapanel GmbH & Co. KG

Zur Helle 11

58638 Iserlohn

Germany

Telephone: +49-(0)2374-50360

Telefax: +49-(0)2374-5036300

E-mail: aquapanel.info@knauf.com

Giftnotruf Berlin, Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

1.4. Emergency telephone number

24h: +49-(0)30-19240 Giftnotruf Berlin, Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Additional information:

Not classified as hazardous. The panel elements are articles that do not pose any particular hazards.

Hazards are possible during machining. Machines (also hand-guided tools) must always be connected to an effective exhausting system, unless other technical or organisational measures can be taken to ensure that the limit values are safely undercut. Use dust mask P2 as personal protective equipment during machining activities. Caution: During machining activities, respirable quartz dust may be released.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Special rules for supplemental label elements for certain mixtures:

Contains Portlandzement CAS 65997-15-1 / EC 266-043-4

Additional information:

Product is low in chromate according to (Regulation 1907/2008 Annex XVII No. 47. and TRGS 613.)

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2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

No data available

3.2. Mixtures

No data available

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

A doctor should be consulted if contact with the plates causes discomfort.

Following inhalation:

If you feel unwell, provide fresh air and seek medical advice.

In case of skin contact:

Wash affected skin areas thoroughly with soap and water. Consult a doctor if irritation persists. Remove contaminated clothing.

After eye contact:

Rinse eyes thoroughly with clean water for several minutes. Consult a doctor if symptoms occur.

Following ingestion:

If swallowed, seek medical advice. Do not induce vomiting unless otherwise directed by a doctor.

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

keine

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:

Product itself is not combustible; adapt extinguishing measures to surrounding fire.

5.2. Special hazards arising from the substance or mixture

No hazards to be particularly mentioned.

5.3. Advice for firefighters

Match protective equipment to the surrounding fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

(Please refer to section 8, Personal protective equipment).

Ensure sufficient ventilation.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

(Please refer to section 8, Personal protective equipment).

Ensure sufficient ventilation.

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6.3. Methods and material for containment and cleaning up

For cleaning up:

Pick up spilled material mechanically (e.g. shovel) and dispose of it in accordance with the local disposal statutes on the basis of the Closed Substance Cycle and Waste Management Act. Please refer to section 13.

6.4. Reference to other sections

For protective measures please refer to section 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Fire prevent measures:

none

Measures to prevent aerosol and dust generation:

Take measures to exhaust dust during mechanical processing.

Environmental precautions:

none

Advices on general occupational hygiene

Keep away from food, drink and animal feed..

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

No special measures required..

Storage class (TRGS 510, Germany): 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

Further information on storage conditions:

Store dry.

7.3. Specific end use(s)

Industrial sector specific solutions:

Products containing cement, low in chromate

GISCODE:

ZP1

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
BOELV (EU) from 16 Jan 2018	kristallines Siliciumdioxid (Quarzfeinstaub)	① 0.1 mg/m ³ ⑤ (Silica, crystalline; respirable fraction)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Please refer to section 7.

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8.2.2. Personal protection equipment

Eye/face protection:

Safety goggles for activities that may lead to eye contact.

Skin protection:

Use skin care products after work (moisturising cream).

Respiratory protection:

Not required if used as intended.

(For machining activities wear dust mask P2).

Other protection measures:

Wear body-covering work clothing and protective footwear. Use protective gloves. Wash hands before starting and after finishing work. Do not eat or drink while working.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid:

Colour: grey

Odour: odourless

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not determined</i>	
Melting point	> 1,000 °C	
Freezing point	<i>not determined</i>	
Initial boiling point and boiling range	<i>not determined</i>	
Decomposition temperature	<i>not determined</i>	
Flash point	<i>not determined</i>	
Evaporation rate	<i>not determined</i>	
Auto-ignition temperature	<i>not determined</i>	
Upper/lower flammability or explosive limits	<i>not determined</i>	
Vapour pressure	<i>not determined</i>	
Vapour density	<i>not determined</i>	
Density	<i>not determined</i>	
Relative density	<i>not determined</i>	
Bulk density	<i>not determined</i>	
Water solubility	<i>not determined</i>	
Partition coefficient: n-octanol/water	<i>not determined</i>	
Dynamic viscosity	<i>not determined</i>	
Kinematic viscosity	<i>not determined</i>	

9.2. Other information

Grammage (kg/m²): ca. 17

raw densitye (kg/m³): ca. 1200 up to 1450

SECTION 10: Stability and reactivity

10.1. Reactivity

not known.

10.2. Chemical stability

chemical stable

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10.3. Possibility of hazardous reactions

not known

10.4. Conditions to avoid

not known

10.5. Incompatible materials

not known

10.6. Hazardous decomposition products

No dangerous decomposition products known..

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

not known

Acute dermal toxicity:

>2000 mg/kg (rat)

Acute inhalation toxicity:

not known

Skin corrosion/irritation:

not known

Serious eye damage/irritation:

Sensitisation of the eye by direct exposure to the mucous membranes and also mechanical irritation not excluded (wear protective goggles)..

Respiratory or skin sensitisation:

Sensitisation through prolonged direct skin contact not excluded (wear protective gloves).

Germ cell mutagenicity:

not known

Carcinogenicity:

not known

Reproductive toxicity:

not known

STOT-single exposure:

not known

STOT-repeated exposure:

not known

Aspiration hazard:

not known

11.2. Information on other hazards

Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Other information:

Experiences from practice

Observations relevant to classification

Irritant effect possible due to alkalinity and water-attracting effect of cement when directly exposed to mucous membranes.

Other observations

Sensitisation by prolonged direct skin contact not excluded.

General observations

No toxicological studies have been carried out for the present product.

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SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

96 h LC₅₀ (Fisch) Not available

48 h EC₅₀ (Daphnia) Not available

72 h IC₅₀ (Alge) Not available

Sediment toxicity:

Not available

Terrestrial toxicity:

Not available

12.2. Persistence and degradability

Abiotic degradation:

Not available

Biodegradation:

Not available.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

No data.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
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Remark:

Recommendation: for unused product residues, the waste producer is responsible for the correct classification

Waste code packaging

Remark:

Recommendation: Contaminated packaging should be emptied optimally; it can then be reused after appropriate cleaning.

Recommended cleaning agent: Removal of adhering residues dry possible.

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to "Kreislaufwirtschaftsgesetz (KrWG)".

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SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

not applicable.

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class

WGK:

nwg - non-hazardous to water

Other regulations, restrictions and prohibition regulations

The requirements of TRGS 559 (dust containing quartz) must be observed.

15.2. Chemical Safety Assessment

Safety assessment for substances in this article have not been carried out.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

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CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

Portland cement (sole component with hazard characteristics)

Hazard statements (VO (EC) 1272/2008) H318, H315, H335

H318: Causes serious eye damage.

H315: Causes skin irritation.

H335: May cause respiratory irritation.