

Safety data sheet in accordance with Regulation (EC) No 1907/2006

Revision date: 14.07.2018
Replacement of version 0009 of 21.07.2017

Version: 0010

Knauf Aquapanel GmbH & Co. KG

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

1.1 *Product identifier*

Trade name **AQUAPANEL® Biscuit**
Product number **KAQ_0444**
Item code **110433, 110434**

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

Appropriate use:
The product is used as a joining and levelling element.

1.3 *Details of the supplier of the safety data sheet*

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

Telephone: +49-2374-50360 Fax: +49-2374-5036300
e-mail: aquapanel.info@knauf.com

e-mail-address of the competent person responsible for this Safety Data Sheet:
urban-finking.gefstoff@t-online.de

Technical contact:

Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, D-58638 Iserlohn
Telephone: +49-2374-50360 Fax: +49-2374-5036300

1.4 *Emergency telephone number*

Giftnotruf Berlin, Advice in German and English
Telephone: +49-30-30686 790
(24 hours, Monday – Sunday)

SECTION 2: Hazards identification

2.1 *Classification of the substance or mixture*

The product does not meet the criteria for a classification as hazardous in accordance with the current version of Regulation (EC) No 1272/2008.

2.2 *Label elements*

Hazard pictogram(s):	No pictogram
Signal word(s):	No signal word
Product identifier:	Not required
Hazard statements:	Not required
Precautionary statements:	Not required
Supplemental hazard information:	Not required

Remark:

The product is an article. There is no requirement for the product to be specially labelled according to Regulation (EC) No 1272/2008 or the corresponding national laws.

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2.3 Other hazards

This article does not contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use. No special hazards have to be mentioned.

This article does not contain any substances classified as PBT/vPvB in a concentration of 0.1% or more.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

REACH registration number:

The ingredients do not require registration according to Regulation (EC) No 1207/2006 [REACH] or the registration is scheduled at a later date.

Characterisation

The product is an article in accordance with Article 2 of Regulation (EC) No 1272/2008.

It consists of ethylene-propylene-copolymer and colourant.

Substances presenting a health/environmental hazard within the meaning of Regulation (EC) No 1272/2008

This article does not contain dangerous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Substances for which Union workplace exposure limits have been assigned (see also Section 8.)

No substances.

Additional information

None.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

None.

In case of inhalation

No first aid measures are necessary if used as intended.

In case of thermal decomposition of the product: after inhalation of vapours of thermal decomposition products, ensure supply of fresh air.

In the event of symptoms take medical treatment.

In case of contact with skin

No first aid measures are necessary if used as intended.

In case of thermal decomposition of the product:

The melted product can cause severe burns.

Following contact with the melted product, quickly cool affected skin area with water for a prolonged period.

Do not attempt to remove congealed product from skin. Immediately get medical attention.

In case of contact with eyes

No first aid measures are necessary if used as intended.

In case of ingestion

No first aid measures are necessary if used as intended.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms and effects known.

4.3 Indication of any immediate medical attention and special treatment needed

None.

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SECTION 5: Firefighting measures

5.1 *Extinguishing media*

Suitable extinguishing media

Water spray jet, foam, extinguishing powder, carbon dioxide.

Unsuitable extinguishing media

High power water jet.

5.2 *Special hazards arising from the substance or mixture*

Can be released in case of fire: carbon dioxide, carbon monoxide and by incomplete combustion formation of hydrocarbons, acrolein and formaldehyde.

5.3 *Advice for firefighters*

Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1 *Personal precautions, protective equipment and emergency procedures*

For non-emergency personnel

No special measures are necessary if used as intended.

For emergency responders

For suitable fabric for personal protective clothing see Section 8.

6.2 *Environmental precautions*

No special measures are necessary if used as intended.

6.3 *Methods and material for containment and cleaning up*

Pick up mechanically.

6.4 *Reference to other sections*

For personal protective equipment see also Section 8.

For disposal considerations see also Section 13.

SECTION 7: Handling and storage

7.1 *Precautions for safe handling*

Advice on safe handling

No special measures are necessary if used as intended. Avoid intense heating-up of the product.

Advice on general occupational hygiene

At work do not eat, drink, smoke or take drugs.

Wash hands before breaks and after work.

7.2 *Conditions for safe storage, including any incompatibilities*

Advice on protection against fire and explosion

No special measures necessary.

Requirements for storage rooms and vessels

No special measures necessary.

Advice on storage compatibility

Do not store together with strong oxidising agents and acids.

The information about joint storage given in Table 2 of TRGS 510¹ must be observed.

Further information on storage conditions

None.

Storage class (for Germany only)

LGK 11 (combustible solids) in accordance with TRGS 510¹.

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7.3 *Specific end use(s)*

The product is only intended for the uses mentioned under subsection 1.2. Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 *Control parameters*

The product does not contain substances for which exposure limit values have been assigned.

8.2 *Exposure controls*

Appropriate engineering controls

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See also subsection 7.1.

Individual protection measures, such as personal protective equipment

Personal protective equipment needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer/supplier of the personal protective equipment.

Eye/face protection

Not necessary if used as intended.

Hand protection



In case of prolonged or frequently repeated skin contact, wear protective gloves of nitrile rubber.

The protective gloves to be used must comply with the specifications of the standard EN 374.

Body protection

Not necessary.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Thermal hazards

Not relevant.

Environmental exposure controls

See Section 6.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	solid
Colour:	skyblue
Odour:	odourless
Odour threshold:	no data available
pH (as supplied) (20°C):	not relevant
pH (of an aqueous solution) (23°C):	not relevant
Melting point/freezing point (°C):	50 – 170
Boiling point and boiling range (°C):	not relevant
Flash point (°C), closed cup:	not relevant
Evaporation rate:	not relevant
Flammability (solid, gas):	not determined
Upper flammability or explosive limit:	not relevant
Lower flammability or explosive limit:	not relevant
Vapour pressure (20°C) (mbar):	not relevant
Vapour density (20°C):	not relevant
Relative density:	no data available
Density (g/cm ³) (20°C):	nicht bestimmt
Solubility in water (at 20°C):	insoluble
Soluble in:	boiling aromatic chlorinated solvents
Partition coefficient: n-octanol/water:	not relevant
Auto-ignition temperature (°C):	> 300
Decomposition temperature (°C):	no data available
Viscosity:	not relevant
Explosive properties:	not explosive
Oxidising properties:	not relevant

9.2 Other information

None.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available for the product.

10.2 Chemical stability

The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Release of toxic hydrogen sulphide from the colourant on contact with acids possible.
The product is soluble in boiling aromatic chlorinated hydrocarbons.

10.4 Conditions to avoid

Excessive heat must be avoided.

10.5 Incompatible materials

Release of toxic hydrogen sulphide from the colourant on contact with acids possible.
The product is soluble in boiling aromatic chlorinated hydrocarbons.

10.6 Hazardous decomposition products

No hazardous decomposition products known if used as intended.
Can be generated in case of heating: vapours of propylene, ethylene, low-molecular solvents, traces of acrolein, formaldehyde, formic acid and acetic acid.
For hazardous combustion products see subsection 5.2.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data are available for the product.

Acute toxicity

LD50 rat, oral	(mg/kg)	No data available.
LD50 rat, dermal	(mg/kg)	No data available.
LC50 rat, inhalation	(mg/l/4h)	No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

No evidence of sensitive properties of the substances contained in this product has been found.

Germ cell mutagenicity

The article does not contain substances classified as germ cell mutagens.

Carcinogenicity

The mixture does not contain substances classified as carcinogenic.

Reproductive toxicity

The article does not contain substances classified as toxic for the reproduction.

Specific target organ toxicity (STOT)-single exposure

The article does not contain substances classified as being a specific target organ toxicant after single exposure.

Specific target organ toxicity (STOT)-repeated exposure

The article does not contain substances classified as being a specific target organ toxicant after repeated exposure.

Aspiration hazard

The article does not contain aspiration toxicants.

Symptoms related to the physical, chemical and toxicological characteristics

The product is an article in accordance with Article 2 of Regulation (EC) No 1272/2008 and this means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

The product is an article in accordance with Article 2 of Regulation (EC) No 1272/2008 and this means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

96 h LC50 (fish)	No data available.
48 h EC50 (daphnia)	No data available.
72 h IC50 (algae)	No data available.

Behaviour in sewage works:

The product is insoluble in water.
Can be mechanically refined for the most part in waste water cleaning plants.

12.2 Persistence and degradability

The product has not been tested. The product is insoluble in water.	
Chemical oxygen demand (COD)	No data available.
Biochemical oxygen demand (BOD5)	No data available.
AOX-hint	Not to apply.

12.3 Bioaccumulative potential

The product is not biodegradable.

12.4 Mobility in soil

The product has not been tested.

12.5 Results of PBT and vPvB assessment

This article does not contain any substances classified as PBT/vPvB in a concentration of 0.1% or more.

12.6 Other adverse effects

Ozone depletion potential	No data available.
Photochemical ozone creation potential	No data available.
Global warming potential	No data available.

Contains according to the formulation following compounds of directives 2006/11/EC and 80/68/EEC:

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according to official state regulations. Consult the local waste disposal expert about waste disposal.

Disposal operations/recovery operations according to Directive 2008/98/EC

Disposal operations	D 10	Incineration on land
Recovery operations	R 3	Recycling/reclamation of organic substances which are not used as solvents

Properties of waste which render it hazardous in accordance with Annex III of Directive 2008/98/EC

Not relevant.

Product/unused product

Waste disposal corresponding to European Waste Catalogue. Wastes must be classified with respect to their origin and depending on different processing steps. The waste codes mentioned as follows are only constituted as our recommendations. Referring to the particular case they should be completed or revised.

EC waste code	07 02 13
Waste notation	Waste plastic

Contaminated packaging

Recommendation: Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Recommended cleansing agent: Remove adhering residues mechanically.

Packaging that cannot be cleaned:

EC waste code:	15 01 01
Waste notation:	Paper and cardboard packaging

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SECTION 14: Transport information

- 14.1 UN number**
No dangerous good in accordance with the UN Model Regulations (ADR/RID/ADN/IMDG/ICAO/IATA).
- 14.2 UN proper shipping name**
Not relevant.
- 14.3 Transport hazard class(es)**
Not relevant.
- 14.4 Packing group**
Not relevant.
- 14.5 Environmental hazards**
Not relevant.
- 14.6 Special precautions for user**
Not relevant.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**
Not relevant.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Information regarding relevant Union safety, health and environmental provisions**

None.

Information regarding national laws/national measures that may be relevant (for Germany only)

Indications on restriction of occupation:	Not relevant
Major Accident Ordinance:	Not relevant
Fire and explosion hazards:	Not relevant
Regulation on clean air (TA Luft):	Not relevant
Water hazard class:	Non-hazardous to water (according to § 3(2) sentence 2 AwSV) ¹
German Ordinance on Hazardous Substances (in accordance with EC-Directive 98/24/EC):	Article 6 must be observed.

Further regulations, limitations and legal requirements:

None

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for a substance in the product.

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SECTION 16: Other information

Keeping (restrictions) Not relevant
Supply to industry consumer

Full text of the hazard statements referred to under subsections 2.1 and 3.2 of the Safety Data Sheet
Not to apply.

Key to abbreviations and acronyms used in the safety data sheet

ADN:	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR:	Accord européen relatif au transport international des marchandises dangereuses par route
AOX:	adsorbable organically bound halogens
AwSV:	Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances that are hazardous to water)
ICAO/IATA:	International Civil Aviation Organisation/International Air Transport Association-Dangerous Goods Regulations
IMDG-Code:	International Maritime Dangerous Goods-Code
LGK:	Lagerklasse (storage class)
PBT:	persistent, bioaccumulative and toxic
RID:	Règlement international concernant le transport des marchandises dangereuses par chemin de fer
TRGS:	Technische Regeln für Gefahrstoffe (Technical Rules for Hazardous Substances)
VCI:	Verband der chemischen Industrie (German Association of Chemical Industry) vPvB: very persistent and very bioaccumulative Substances)

Literature references and sources for data

¹ <http://www.umweltbundesamt.de>

Method used for the classification of the mixture

The product is an article. There is no requirement for the product to be specially labelled according to Regulation (EC) No 1272/2008 or the corresponding national laws.

Changes which have been made to the previous version of the safety data sheet

Revised sections: 2.3, 12.5, 15.1

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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