

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

Printing date 28.04.2016

Version: 1 (GB)

Revision: 28.04.2016

**SECTION 1: Identification of the substance/mixture and of the company/  
undertaking****1.1 Product identifier**Trade name: **DESIGNBOARD 210****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:** Gypsum fibre board**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

KNAUF riessler GmbH &amp; Co.KG

Süßwiesenstraße 10

74549 Wolpertshausen

Germany

Tel: +49 7904/ 94 46 81 - 0

Fax: +49 7904/ 94 46 81 - 10

**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**

The product is not classified according to the CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****Chemical characterisation: Mixtures****Description:**

Gypsum fibre board (GF board) made of set gypsum and cellulose fibres (recycled paper), with reduced additives of production aids and hydrophobizing agents.

**Dangerous components:** Void**Remark:** Materials with a threshold value for exposure in the workplace – see point 8.

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information:** No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Wash off with water and soap and rinse again.

**After eye contact:** Rinse opened eye for several minutes under running water.

**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**

**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**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

**5.3 Advice for firefighters**

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

**Additional information** The product is not flammable.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid formation of 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 mechanically.

**6.4 Reference to other sections** No dangerous substances are released.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special measures required.

**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.

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Trade name: **DESIGNBOARD 210****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/m<sup>3</sup> A (DE) 4 mg/m<sup>3</sup> A (GB), 10 mg/m<sup>3</sup> 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 FFP1 if dust forms.**Protection of hands:** Not required.**Material of gloves** Not required.**Eye protection:** Wear safety goggles with side protection if dust develops.**Body protection:** Protective work clothing**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:** Plate**Colour:** Light red**Odour:** Odourless**pH-value:** Not applicable in the supplied state, suspension 6-9.**Change in condition****Melting point/Melting range:** Not applicable.**Boiling point/Boiling range:** Not applicable.**Flash point:** Not applicable.**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Density:**  $\geq 1100 \text{ kg/m}^3$  respectively  $\geq 1500 \text{ kg/m}^3$ **Solubility in / Miscibility with water:**c. 2 g/l (calcium sulphate x 2 H<sub>2</sub>O) at 20 °C**9.2 Other information**

The gypsum fibre board is not flammable, building material class A1 in accordance with EN 13501-1.

Thermal decomposition of gypsum

in CaSO<sub>4</sub> and H<sub>2</sub>O from 140 °Cin CaO and SO<sub>3</sub> from 1000 °C

Thermal decomposition of cellulose fibers: from 200 °C

**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.

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**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 decomposition if used according to specifications.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Additional toxicological information:** Non-toxic.

**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:**

Product is safe in terms of ecology and physiology.

Do not allow product 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** Disposal must be made according to official regulations.

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**Trade name: DESIGNBOARD 210****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**

<b>14.1 UN-Number</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>14.2 UN proper shipping name</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>14.3 Transport hazard class(es)</b>	
<b>ADR, IMDG, IATA</b>	
<b>Class</b>	Void
<b>14.4 Packing group</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

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

**National regulations:****Waterhazard class:**

Water hazard class 1 (VwVwS Germany 27.07.2005, Anhang 4): slightly hazardous for water.

**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.

**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:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

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ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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