

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II and Regulation (EU) 2015/830



Product identifier: **Knauf Hartplatte KEK**

Version: 1.00/EN

Date of compilation: 09.09.2016.

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

### 1.1. Product identifier

#### **Gypsum plasterboard, type DFIR according to EN 520, Knauf Hartplatte KEK**

Synonym: GKF

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

Especially durable gypsum plasterboard for building constructions with elevated requirements.

### 1.3. Details of the supplier of the safety data sheet

Manufacturer: SIA Knauf  
Company register No: LV40003219730  
Manufacturer's address: Daugavas iela 4, Stopiņu nov., Saurieši, LV-2118, Latvija  
Telephone / fax: +371 67032999 / +371 67032969  
E-mail: info@knauf.lv  
Web site: www.knauf.lv  
Person responsible for this SDS: info@knauf.lv

### 1.4. Emergency telephone number

Emergency medical care: (+371) 113  
State Fire and Rescue Service: (+371) 112  
Centre of Poisoning and Drug Information: (+371) 67042473 (24 h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008:

Article classification: Not classified.  
Physical and chemical hazards: The article does not meet the criteria for classification.  
Human health hazards: The article does not meet the criteria for classification.  
Environmental hazards: The article does not meet the criteria for classification.

### 2.2. Label elements

According to Regulation (EC) No 1272/2008:

Hazard pictograms: Not necessary.  
Signal word: Not necessary.  
Hazard statements: Not necessary.  
Supplemental hazard information: Not necessary.  
Precautionary statements:  
General: Not necessary.  
Prevention: Not necessary.  
Response: Not necessary.  
Storage: Not necessary.  
Disposal: Not necessary.  
The identity of substances that contribute to the classification: Not applicable.  
Supplemental label elements: Not necessary.

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Packaging to be fitted with child-resistant fastenings: Not necessary.

Packaging to be fitted with a tactile warning: Not necessary.

## 2.3. Other hazards

PBT or vPvB criteria: This article does not contain any substances that are assessed to be a PBT or a vPvB and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of the Regulation (EC) 1907/2006.

Other hazards which do not result in classification: For information regarding health effects and symptoms, as well as environmental effects, see sections 11 and 12 respectively.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical characterisation: Plasterboard consists of gypsum core with carton coating. Gypsum core contains glass fibre and auxiliary substances.

Ingredients declaration according to Regulation (EC) No 1272/2008:

**The article contains no dangerous substances exceeding the limits of the EU Regulation.**

Chemical name	EC number	CAS number	Conc., %	Classification	
Calcium sulphate; CaSO <sub>4</sub>	231-900-3	7778-18-9	> 60	-	[2]
	REACH Reg. No.: 01-2119444918-26-0XXX				

Workplace exposure limits, if available, are listed in section 8.

There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

[2] Substance with a workplace exposure limit.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information: Special measures are not necessary.

Inhalation: Not necessary.

Skin contact: Not necessary.

Eye contact: After the contact with plasterboard dust, which may arise during the processing of the board, flush the eyes thoroughly under clean running water.

Ingestion: Not applicable - ingestion practically is unlikely.

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

Eye contact: Dust can cause slight eye irritation.

Skin contact: Significant dermal effects are not expected.

Inhalation: Significant effects through inhalation are not expected.

Ingestion: Not applicable - ingestion practically is unlikely.

### 4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician: Special measures are not necessary.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: The article is not combustible. Use extinguishing media according to situation and surrounding materials.

Unsuitable extinguishing media: Not relevant to this article. Do not use extinguishing media unsuitable for surrounding materials.

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## 5.2. Special hazards arising from the substance or mixture:

Hazardous thermal decomposition products: Under fire conditions small amounts of carbon monoxide and carbon dioxide can be released.

## 5.3. Advice for firefighters

Special firefighting methods: Not relevant to this product.

Protective equipment for firefighters: Not relevant to this product.  
Use protective equipment according to situation and surrounding materials.

Other information:

After the contact with water the product may lose its quality.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Do not perform any actions, which may cause any personal risk, or without appropriate training.

For emergency responders: Avoid dust formation.  
It is recommended to use the mask with dust filter.

### 6.2. Environmental precautions

Collect any scattered articles or those broken parts not to contaminate the environment.

### 6.3. Methods and material for containment and cleaning up

Pick up dry mechanically and, if possible, use as intended or dispose of in accordance with section 13.  
Avoid dust formation and spreading.

### 6.4. Reference to other sections

*Note:* see section 1 for contact information at emergency situation, for personal protective equipment and for waste disposal – see sections 8 and 13 respectively.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

If used according to instructions, any special measures are not necessary.  
Avoid dust formation during installation and / or processing work.  
Avoid breathing dust.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in dry conditions. Fire and explosion protection: No special measures required.

### 7.3. Specific end use(s)

Use as especially durable gypsum plasterboard for building constructions with elevated requirements.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limit values:	Substance	TRGS 900 MAK, mg/m <sup>3</sup>	Latvian Cabinet Regulations No 325, mg/m <sup>3</sup>
	Calcium sulphate *	6 <sup>a</sup>	-
	Carton *	-	2
	Glass fibre *	-	2

<sup>a</sup> - respirable particulate fraction

\* - significant release of the component dust in the workplace air is possible as a result of mechanical processing / cutting of plasterboard, especially when high-speed tools are used.

### 8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation, which is sufficient to maintain the concentration of ingredients under exposure limit values.

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According to Regulation (EC) No 1907/2006, Annex II and Regulation (EU) 2015/830



Product identifier: **Knauf Hartplatte KEK**

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## Personal protective equipment:

Respiratory protection:	In the case of high dust concentrations use suitable breathing mask with dust filter FFP1 / FFP2 / FFP3.
Skin protection:	
Hand protection:	Not required under normal use conditions.
Body protection:	Not required under normal use conditions.
Eye/face protection:	Not required under normal use conditions.
Hygiene measures:	Observe general safety and hygiene measures. Wash hands before work breaks and at the end of workday.
Environmental exposure controls:	Do not contaminate the environment with the article offcuts. See also sections 6 and 12.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance:	
Physical state:	Board
Colour:	
Gyps:	White, white-beige, off-white
Carton:	Light brown
Odour:	Odourless.
Odour threshold:	No data available.
pH:	
Dry article:	Not applicable.
Suspension in water:	6 - 9
Melting point/freezing point:	Not applicable.
Initial boiling point and boiling range:	Not applicable.
Flash point:	Not applicable.
Evaporation rate:	Not applicable.
Flammability (solid, gas):	Not flammable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Average density:	1,02 - 1,03 g/cm <sup>3</sup>
Solubility(ies):	In water: ~ 2 g/l (20 °C; CaSO <sub>4</sub> · 2H <sub>2</sub> O)
Partition coefficient: n-octanol/water:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature (for gypsum):	To CaSO <sub>4</sub> and H <sub>2</sub> O: from ~ 140 °C To CaO and SO <sub>3</sub> : from ~ 1000 °C
Viscosity:	Not applicable.
Explosive properties:	Not applicable.
Oxidising properties:	Not applicable.

### 9.2. Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

At normal storage and handling conditions reactions are not anticipated.

### 10.2. Chemical stability

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II and Regulation (EU) 2015/830



Product identifier: **Knauf Hartplatte KEK**

Version: 1.00/EN

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Stable at normal storage and handling conditions.

## 10.3. Possibility of hazardous reactions

At normal storage and handling conditions hazardous reactions are not anticipated.

## 10.4. Conditions to avoid

Avoid damp conditions.

## 10.5. Incompatible materials

Not known.

## 10.6. Hazardous decomposition products

None, at ambient conditions.

Under fire conditions small amounts of carbon monoxide and carbon dioxide can be released.

## SECTION 11: Toxicological information

Plasterboard is an article and is not classified as hazardous.

### 11.1. Information on toxicological effects

Acute toxicity: Not relevant to this product.

Skin corrosion/irritation: Not relevant to this product.

Serious eye damage/irritation: Not relevant to this product.

Respiratory or skin sensitisation: Not relevant to this product.

Germ cell mutagenicity: Not relevant to this product.

Carcinogenicity: Not relevant to this product.

Reproductive toxicity: Not relevant to this product.

Specific target organ toxicity (STOT):

Single exposure (STOT SE): Not relevant to this product.

Repeated exposure (STOT RE): Not relevant to this product.

Aspiration hazard: Not relevant to this product.

Information on likely routes of exposure:

Practically human's organism can be affected only by dust resulting from mechanical processing / cutting of plasterboard, through inhalation or eye contact.

Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact: Dust can cause slight eye irritation.

Skin contact: Significant dermal effects are not expected.

Inhalation: Significant effects through inhalation are not expected.

Ingestion: Not applicable - ingestion practically is unlikely.

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

Prolonged contact may cause skin dryness.

Practical observations:

Dust can cause slight eye irritation.

Other information:

According our present knowledge and experience with handling the product properly and according to recommendations any hazardous effects on human health are not anticipated.

## SECTION 12: Ecological information

### 12.1. Toxicity

This article is considered to be an environmentally safe.

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## 12.2. Persistence and degradability

The main components practically are not biologically degradable or degrade weakly.

## 12.3. Bioaccumulative potential

Not applicable.

## 12.4. Mobility in soil

Generally this article is not mobile. Water solubility of the main ingredient (gypsum) is low.

## 12.5. Results of PBT and vPvB assessment

This article and its components do not meet the criteria for PBT or vPvB.

## 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product wastes and emptied packaging should be disposed in safe way according to local regulations. The information given below refers to the article in the state as it is delivered or the one used in construction and is situated within construction and demolition waste of class 170904. Different use of this article, e.g. mixing with other materials, may have a significant influence the classification of waste and the appropriate method of disposal.

Waste classification:

Article:	Groups: 1708 Gypsum-based construction materials; 1709 Other construction and demolition waste. Classes: 170802 gypsum-based construction materials other than those mentioned in 170801; 170904 Mixed construction and demolition wastes other than those mentioned in 170901, 170902 and 170903.
Packaging:	Group: 15 01 Packaging (including separately collected municipal packaging waste). Classes: 150103 Wood packaging; 150106 Mixed packaging.

## SECTION 14: Transport information

### 14.1. UN number

Not classified.

### 14.2. UN proper shipping name

Not classified.

### 14.3. Transport hazard class(es)

Not classified.

### 14.4. Packing group

Not classified.

### 14.5. Environmental hazards

Not anticipated.

### 14.6. Special precautions for user

Not necessary.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Other information:

Non-dangerous goods according to international transport regulations.

## SECTION 15: Regulatory information

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

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Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)  
Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006  
Republic of Latvia, Cabinet Regulation No 302 Adopted 19 April 2011 "Regulations About Waste Classifier and Properties, Which Makes Wastes Hazardous"  
Republic of Latvia, Cabinet Regulation No 325 Adopted 15 May 2007 "Labour Safety Requirements in Contact with Chemical Substances at Work Places"

## 15.2. Chemical safety assessment

This article main component (calcium sulphate) assessment was carried out.  
Full information is available on the ECHA database.

## SECTION 16: Other information

### Abbreviations:

PBT - persistent, bioaccumulative and toxic (substance)  
vPvB - very persistent and very bioaccumulative (substance)  
TRGS - Technical Rules for Hazardous Substances, Germany  
MAK - the highest permissible concentration in the workplace air, Germany

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008:

Classification:                      Classification procedure:

Not classified.                      Calculation method.

### Key sources for data:

Raw material suppliers' safety data sheets.

### Information about safety data sheet revision:

Version No	Date	
1.00/EN	09.09.2016.	The initial issue.

### Company issuing safety data sheet:

This safety data sheet is prepared in SIA Knauf.

Reference and information: Māris Bērziņš, E-mail: marisddl@gmail.com, phone: +371 28344602

### Disclaimer:

The information provided in this Safety Data Sheet is based on the manufacturer's data and is correct to the best of the knowledge, but does not purport to be all-inclusive and shall be used only as a guide.  
Employers should use this information only as supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.  
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