

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 21 Oct 2024

Print date: 2 Dec 2024

Version: 3.6



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## Promat®-Kleber K84

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

#### 1.1 Product identifier

##### Trade name/designation:

Promat®-Kleber K84

This safety data sheet applies to the following types:

Promat®-Kleber K84

Promat®-Kleber K84/Schlauchbeutel

##### UFI:

E8YA-0048-900V-A6FA, WEYA-00H1-W00U-NVMF

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

##### Use of the substance/mixture:

Adhesive.

Reserved for industrial and professional use.

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

##### Manufacturer/Supplier:

**Etex Building Performance GmbH**

Geschäftsbereich Promat

Scheifenkamp 16

40878 Ratingen

GERMANY

**Telephone:** +49 2102 493-0

**Telefax:** +49 2102 493-111

**Website:** <https://www.promat.de>

**E-mail (competent person):** [mail@promat.de](mailto:mail@promat.de)

#### 1.4 Emergency phone number

24h: +49 (0) 551 19240 (german and english)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	Expert judgement
Skin corrosion/irritation ( <i>Skin Corr. 1A</i> )	H314: Causes severe skin burns and eye damage.	Expert judgement

#### 2.2 Label elements

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

##### Hazard pictograms:



**GHS05**

Corrosion

**Signal word:** Danger

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### Hazard components for labelling:

potassium hydroxide

#### Hazard statements for health hazards

H314	Causes severe skin burns and eye damage.
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#### Precautionary statements - Prevention

P280	Wear protective gloves/protective clothing/eye protection/face protection.
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#### Precautionary statements - Response

P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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P337+P313	If eye irritation persists: Get medical advice/attention.
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### 2.3 Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Ingredients:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Content
CAS No.: 1332-58-7 EC No.: 310-194-1	<b>Kaolin</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	5 - 10 weight-%
CAS No.: 1310-58-3 EC No.: 215-181-3 REACH No.: 01-2119487136-33	<b>potassium hydroxide</b> Acute Tox. 4 (H302), Met. Corr. 1 (H290), Skin Corr. 1A (H314)  Danger <b>Specific concentration limit (SCL)</b> Eye Irrit. 2; H319: $0.5\% \leq C < 2\%$ Skin Irrit. 2; H315: $0.5\% \leq C < 2\%$ Skin Corr. 1B; H314: $2\% \leq C < 5\%$ Skin Corr. 1A; H314: $C \geq 5\%$ <b>Acute Toxicity Estimate</b> ATE (oral) 333 mg/kg	< 2 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Take off immediately all contaminated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

#### After eye contact:

In case of contact with eyes, rinse thoroughly with water. If eye irritation persists: Get medical advice/attention.

#### Following ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get immediate medical advice/attention.

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

Causes skin and eye irritation.

### 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:

Co-ordinate fire-fighting measures to the fire surroundings.

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

The product itself does not burn. No special fire protection measures are necessary.

May be corrosive to metals. Formation of: hydrogen (H<sub>2</sub>). Danger of explosion!

#### Hazardous combustion products:

In case of fire may be liberated: Gases/vapours, toxic

### 5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1 For non-emergency personnel

##### Personal precautions:

Provide adequate ventilation. Avoid contact with eyes and skin. Special danger of slipping by leaking/spilling product. Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection. See section 8.

#### 6.1.2 For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

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

#### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

#### For cleaning up:

Water

### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Avoid contact with skin, eyes and clothes. Keep an eyewash bottle ready at workplace. May be corrosive to metals. Formation of: hydrogen (H<sub>2</sub>). Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

No special measures are necessary.

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### Environmental precautions:

Discharge into the environment must be avoided.

### Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Apply skin care products after work.

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

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Conditions to avoid: Frost

Recommended storage temperature: 5 - 25 °C

#### Requirements for storage rooms and vessels:

Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container.

#### Hints on storage assembly:

Keep away from food, drink and animal feedingstuffs.

Do not store together with: oxidizing agent, Acid

### 7.3 Specific end use(s)

#### Recommendation:

Adhesive.

Observe technical data sheet.

## SECTION 8: Exposure controls / Personal protection

### 8.1 Control Parameters

#### 8.1.1 Occupational exposure limit values

Limit value type (country)	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
WEL (GB)	<b>Kaolin</b> CAS No.: 1332-58-7 EC No.: 310-194-1	① 2 mg/m <sup>3</sup> ⑤ (respirable fraction)
WEL (GB)	<b>potassium hydroxide</b> CAS No.: 1310-58-3 EC No.: 215-181-3	② 2 mg/m <sup>3</sup>

#### 8.1.2 Biological limit values

No data available.

#### 8.1.3 DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>potassium hydroxide</b> CAS No.: 1310-58-3 EC No.: 215-181-3	1 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>potassium hydroxide</b> CAS No.: 1310-58-3 EC No.: 215-181-3	1 mg/m <sup>3</sup>	① DNEL consumer ② Long-term - inhalation, systemic effects

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Ventilate affected area. Technical ventilation of workplace

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### 8.2.2 Personal protection equipment



#### Eye/face protection:

Eye glasses with side protection (EN 166).

#### Skin protection:

Tested protective gloves must be worn (EN ISO 374).

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material:  $\geq 0,4$  mm

Breakthrough time:  $\geq 480$  min

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. The exact breakthrough time must be requested from the protective glove manufacturer and must be observed. Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

#### Respiratory protection:

Usually no personal respirative protection necessary. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Filtering device (full mask or mouthpiece) with filter: A1P2

#### Other protection measures:

Wear suitable protective clothing.

### 8.2.3 Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Physical state:** liquid

**Form:** liquid, pasty

**Colour:** grey/beige

**Odour:** almost odourless

**Flammability:** No

#### Safety relevant basic data

Parameter	Value	at	① Method ② Remark
pH	$\approx 12$	20 °C	
Melting point	No data available.		
Freezing point	No data available.		
Initial boiling point and boiling range	$> 100$ °C		
Flash point	Not applicable.		
Evaporation rate	No data available.		
Auto-ignition temperature	Not applicable.		
Upper/lower Flammability or explosive limits	Not applicable.		
Vapour pressure	20 hPa	20 °C	② waterglass
Vapour density	No data available.		
Density	$\approx 1.7$ g/mL	20 °C	
Bulk density	Not applicable.		
Water solubility	Immiscible		
Dynamic viscosity	$\approx 25,000$ mPa* s	20 °C	
Kinematic viscosity	No data available.		

### 9.2 Other information

No data available.

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

The product itself does not burn. The product is: alkaline

#### 10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Exothermic reaction with: oxidizing agent, Acids. May be corrosive to metals. Formation of: Hydrogen. Danger of explosion!

#### 10.4 Conditions to avoid

Frost.

#### 10.5 Incompatible materials

Metals (including their alloys), oxidizing agent, Acids

#### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

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

<b>potassium hydroxide</b> CAS No.: 1310-58-3 EC No.: 215-181-3
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<b>LD<sub>50</sub> oral:</b> 333 mg/kg (Rat) oral
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##### Acute oral toxicity:

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

##### Acute dermal toxicity:

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

##### Acute inhalation toxicity:

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

##### Skin corrosion/irritation:

Causes severe burns.

##### Serious eye damage/irritation:

Causes serious eye damage.

##### Respiratory or skin sensitisation:

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

##### 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.

#### 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.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity:

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

General information:

pH > 9: May cause long lasting harmful effects to aquatic life.

##### Effects in sewage plants:

The product is an alkali. Before discharge into sewage plants the product normally needs to be neutralised. Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

#### 12.2 Persistence and degradability

##### Additional information:

The methods for determining the biological degradability are Not applicable. to inorganic substances.

#### 12.3 Bioaccumulative potential

##### Accumulation / Evaluation:

No indication of bioaccumulation potential.

#### 12.4 Mobility in soil

No data available.

#### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 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

##### Waste code product

08 04 15 *	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
------------	---

\*: Evidence for disposal must be provided.

##### Remark:

Cured material:

Can be disposed of as non-hazardous waste after verification.

##### Waste code packaging

15 01 10 *	Packaging containing residues of or contaminated by dangerous substances
------------	--

\*: Evidence for disposal must be provided.

##### Remark:

Packaging and cured material:

Can be disposed of as non-hazardous waste after verification.

#### Waste treatment options

##### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package:

Completely emptied packages can be recycled.

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### Other disposal recommendations:

The allocation of waste code numbers / waste names must be carried out in accordance with the European Waste Catalogue (EWC). Do not allow to enter into surface water or drains. Collect in closed and suitable containers for disposal. Waste for disposal is to be classified and labelled.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI-/IATA-DGR)
<b>14.1 UN number or ID number</b>			
UN 0000	UN 0000	UN 0000	UN 0000
<b>14.2 UN proper shipping name</b>			
Not restricted	Not restricted	Not restricted	Not restricted
<b>14.3 Transport hazard class(es)</b>			
No data available.	No data available.	No data available.	No data available.
<b>14.4 Packing group</b>			
		-	
<b>14.5 Environmental hazards</b>			
No	No	No	No
<b>14.6 Special precautions for user</b>			
No data available.	No data available.	No data available.	No data available.

### 14.7 Maritime transport in bulk according to IMO instruments

not relevant

## SECTION 15: Regulatory information

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

#### 15.1.1 EU legislation

##### Authorisations:

Contains no substances listed in REACH Annex XIV.

##### Restrictions on use:

Use restriction according to REACH annex XVII, no.: 3

##### Other regulations (EU):

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

VOC content: 0,0 %

The product does not contain substances of very high concern (SVHC)  $\geq 0,1$  %.

#### 15.1.2 National regulations

No data available.

### 15.2 Chemical Safety Assessment

No data available.

## SECTION 16: Other information

### 16.1 Indication of changes

Changes executed in version 3.6:

Section 2.2: Label elements

Section 3: Composition/Information on Ingredients

Section 8: Exposure Controls/Personal Protection

Section 9: Physical and Chemical Properties

Section 15: Regulatory Information (non-mandatory)

General revision



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## Promat®-Kleber K84

### 16.2 Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

### 16.3 Key literature references and sources for data

European Chemicals Agency (ECHA): <https://www.echa.europa.eu>

ECHA, C&L Inventory: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database>

ECHA, Registered substances: <https://echa.europa.eu/information-on-chemicals/registered-substances>

GESTIS, Information system on hazardous substances: <https://www.gestis.dguv.de/search>

GESTIS, International Limit Values: <https://limitvalue.ifa.dguv.de>

Hörath Gefährliche Stoffe und Gemische, 8. Auflage, Dr. Angela Schulz

Safety data sheets of the manufacturers

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	Expert judgement
Skin corrosion/irritation ( <i>Skin Corr. 1A</i> )	H314: Causes severe skin burns and eye damage.	Expert judgement

### 16.5 List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### 16.6 Training advice

No data available.

### 16.7 Additional information

The information in this safety data sheet has been established to our best knowledge and was up-to-date at time of revision. The information is intended to give you advice about the safe handling of the product for storage, processing, transport and disposal. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.