

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

1.1. Product identifier

Trade name : Promat® Glue K84
Identification of the product : Viscous liquid.
Type of product : Glue, resistant to high temperature

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

Use : Non combustible glue for fire protection in buildings and for high temperature insulation.

1.3. Details of the supplier of the safety data sheet

Company identification : Promat UK Ltd
The Sterling Centre
Eastern Road - Berkshire
RG12 2TD Bracknell UNITED KINGDOM
Tel.: +44 (0) 1344 381400
Fax: +44 (0) 1344 381401
e-mail: technicaluk@promat.co.uk

1.4. Emergency telephone number

Emergency phone nr : +44 (0) 1344 381 400

SECTION 2 Hazards identification

Symptoms relating to use

- Inhalation : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of inhalation exposure.
- Skin contact : Irritant to skin and mucous membranes.
- Eye contact : Irritating to eyes.
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Xi; R36/38

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

Health hazards : Skin irritation - Category 2 - Warning (CLP : Skin Irrit. 2)
Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2)

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

SECTION 2 Hazards identification (continued)

• Symbol(s)



• R Phrase(s)

: Xi : Irritant
: R36/38 : Irritating to eyes and skin.

• S Phrase(s)

: S24 : Avoid contact with skin.
: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
: S35 : This material and its container must be disposed of in a safe way.
: S36/37 : Wear suitable protective clothing and gloves.
: S51 : Use only in well-ventilated areas.
: S59 : Refer to manufacturer/supplier for information on recovery/recycling.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms code

: SGH07

• Signal words

: Warning

• Hazard statements

: H319 - Causes serious eye irritation.
: H315 - Causes skin irritation.

• Pictograms (Precautionary statements)



• Precautionary statements

- Prevention

: P280 - Wear protective gloves, protective clothing, eye protection, face protection.
: P264 - Wash thoroughly after handling.

- Response

: P305+P351+P338+P337+P313 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.
: P302+P352+P362+P332+P313+P321 - IF ON SKIN : Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs : Get medical advice. Specific treatment.

- Storage

: P235 - Keep cool.

- Disposal considerations

: NA - Dispose of this material and its container to hazardous or special waste collection point.

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation

: Preparation.

Components

: This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Potassium hydroxide	< 2 %	1310-58-3	215-181-3	019-002-00-8	-----	Xn; R22 C; R35 ----- Skin Corr. 1A+ (H314) Acute Tox. 4 (H302)

Promat® Glue K84

Date : 20 / 3 / 2013

Supersedes : 0 / 0 / 0

SECTION 3 Composition/information on ingredients (continued)

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Non hazardous substance(s)	: > 38 %	----	----	----	----	Not classified. (DSD/DPD) ----- Not classified. (GHS)
Silicic acid, sodium salt	: > 50 < 60 %	1344-09-8	215-687-4	----	----	Xi: R36/38 ----- Eye irrit. 2 (H319) Skin Irrit. 2 (H315)

SECTION 4 First aid measures**First aid measures**

- Inhalation : Not expected to require first aid measures.
- Skin contact : Remove contaminated clothing. Wash skin with mild soap and water. Rinse the skin with water. If skin irritation occurs : Get medical advice.
- Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : Wash out mouth with plenty of water. Drink water. Do not induce vomiting, seek medical attention.

SECTION 5 Fire-fighting measures**5.1. Extinguishing media**

No information available.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for fire-fighters

- Flammable class** : Not combustible. Not flammable.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

SECTION 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

- Personal precautions** : Particular danger of slipping on leaked/spilled product.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters. Dilute residue with water.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Absorb in an inert material such as sand or absorbent granules.
Pick up mechanically

6.4. Reference to other sections

SECTION 6 Accidental release measures (continued)

See sections 7 and 8.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Handling** : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- Personal protection** : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing.
Wear proper protective equipment.
- Technical protective measures** : Both local exhaust and general room ventilation are usually required.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Protect from freezing.
The product may react with aluminium, zinc, tin and their alloys and may evolve hydrogen gas.
Do not store together with acids.

7.3. Specific end use(s)

No data available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Occupational Exposure Limits (UK: Workplace Exposure Limits)** : Potassium hydroxide : TLV© - Ceiling [mg/m³] : 2

8.2 Occupational exposure controls

8.2.1 General protection controls

- Industrial hygiene** : Either local exhaust or general room ventilation is usually required.
Remove contaminated clothing. Wash clothing before re-using.
Do not eat, drink or smoke when handling or applying the product. Wash hands before breaks and at the end of the working day.
Avoid contact with skin and eyes.

8.2.2. Individual protection controls

- Respiratory protection** : No special protection required where adequate ventilation is maintained.
- Skin protection** : Wear protective clothing suitable for working with medium strong base.
- Eye protection** : Wear eye goggles (according EN 166:2002).
- Hand protection** : Wear protective gloves suitable for caustic soda and potash. (rubber gloves).
- Ingestion** : When using, do not eat, drink or smoke.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

• Appearance	: Paste like to liquid consistency.
• Colour	: Greyish.
• Odour	: Negligible.
• pH value	: 12
• Melting point [°C]	: > 100°C
• Boiling point [°C]	: N/A
• Density	: ca. 1.7 g/cm ³
• Solubility in water	: Soluble
• Viscosity	: ca. 30.000 mPas
• Other properties	: Information on other physical and chemical properties, as listed in the section 9.1 of Annex II of the Commission Regulation EU 453/2010 of 20 May 2010 is not available

SECTION 10 Stability and reactivity

10.1. Reactivity

Stability and reactivity : Stable under normal conditions.

10.2. Chemical stability

Chemical stability : No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions : Mixing with acids leads to strong heat development.

10.4. Conditions to avoid

Conditions to avoid : Mixing with acids.

10.5. Incompatible materials

Materials to avoid : The product may react with aluminium, zinc, tin and their alloys and may evolve hydrogen gas.

10.6. Hazardous decomposition products

None known.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information : No data available.
Acute toxicity : No data available for this product.

11.2. Additional information:

SECTION 11 Toxicological information (continued)

• On product

- Dermal : Chemical that may cause inflammation to the skin or other mucous membranes.
- Ocular : Irritating to eyes.

SECTION 12 Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

May harm aquatic organisms and may disturb biological waste water treatment.
Adjust PH.

Ecological effects information : No data available.

SECTION 13 Disposal considerations

- Product disposal** : Let dry and cure small rests.
Do not allow entry to drains, sewers, water courses or soil.
Dispose in a safe manner in accordance with local/national regulations.
- Packaging disposal** : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

General information : Not classified as dangerous in the meaning of transport regulations.

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

SECTION 15 Regulatory information (continued)

EC Classification : Xi; R36/38

67/548/EC & 1999/45/EC

Symbol(s)



: Xi : Irritant

R Phrase(s)

: R36/38 : Irritating to eyes and skin.

S Phrase(s)

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15.2. Chemical Safety Assessment

No data available.

SECTION 16 Other information

List of relevant R phrases : R22 : Harmful if swallowed.

(section 3)

R35 : Causes severe burns.

R36/38 : Irritating to eyes and skin.

Further information

: None.

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