

# Safety Data Sheet

## Komar Wallpaper Paste (Flake)



According to the REACH Regulation (EC) 1907/2006  
amended by Regulation (EU) 2020/878

issue date: 8/2/2023

Version: St-V.005 23 (BT 12/8/2022 -V1)

### Section 1: Identification of the substance/mixture and of the company

#### 1.1 Product identifier

Product form:	Mixture	
Product name:	Komar Wallpaper paste 60 g	product code: KL-4
	Komar Wallpaper paste 100 g	product code: KL-6

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

##### 1.2.1 Relevant identified uses

Intended or general public  
Use of the substance/mixture: Adhesive for fixing wallpaper

##### 1.2.2 Uses advised against

Restrictions on use: Not to be used for any other purpose than stated above

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

Komar Products GmbH & Co. KG  
Georg-Müller-Str. 2  
83059 Kolbermoor  
Germany  
T +49 (0) 8031 406 890  
info@komar.de – www.komar.de

#### 1.4 Emergency telephone number

Emergency number: T +49 (0) 8031 406 890 (Komar Products GmbH & Co. KG)  
8.00am – 4.00pm Monday to Thursday  
8.00am – 2:30pm Friday

Further information is available at Poison Control Centers.

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP):  
not classified

Adverse physiochemical, human health and environmental effects  
no additional information available

#### 2.2 Label elements

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

Precautionary statements (CLP): P102 – Keep out of reach of children  
P302+P352 – IF ON SKIN: Wash with plenty of water

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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.

P333+P313: IF SKIN irritation or rash occurs: Get medical advice/attention.

P337+P313: IF EYE irritation persists: Get medical advice/attention.

### 2.3 Other hazards

Contains no PBT/vPvB substances  $\geq 0.1$  % assessed in accordance with REACH Annex XIII

The mixture does not contain substance (s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 %

## Section 3: Composition/Information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) no. 1272/2008 [CLP]
Starch, carboxymethyl ether, sodium salt substance with a Community workplace exposure limit	CAS-No.: 9063-38-1	$\geq 80$	Not classified

Comments: A Carboxymethylated cold water soluble starch flake adhesive

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### First-aid measures general:

Call a poison center or a doctor if you feel unwell. If breathing is difficult, give oxygen. Never give anything by mouth to an unconscious person.

#### First-aid measures after inhalation:

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if symptoms occur.

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### First-aid measures after skin contact:

Immediately wash with water and soap and rinse thoroughly. Get medical attention if irritation persists after washing.

### First-aid measures after eye contact:

Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses if easy to do. Get medical attention if symptoms are severe or persist after washing.

### First-aid measures after ingestion:

Rinse mouth out with water. Drink plenty of water. Get medical advice/attention if you feel unwell.

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

### Symptoms/effects:

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### Symptoms/effects after inhalation:

May cause shortness of breath, tightness of the chest, a sore throat and cough

### Symptoms/effects after skin contact:

Repeated or prolonged skin contact may cause irritation. Rednesses.

### Symptoms/effects after eye contact:

May cause eye irritation.

### Symptoms/effects after ingestion:

May be harmful if swallowed. Abdominal pain, nausea

## 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:

The product is non-combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable extinguishing media:

None known.

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

Fire hazard:	None known
Explosion hazard:	None known
Reactivity in case of fire:	None known
Hazardous decomposition products in case of fire:	None known

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### 5.3 Advice for firefighters

#### Firefighting instructions:

Control run-off water by containing and keeping it out of sewers and watercourses.  
Notify authorities if product enters sewers or public waters.

## Section 6: Accidental release measures

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

#### General measures:

Evacuate area.

#### 6.1.1 For non-emergency personnel

##### Protective equipment:

In case of inadequate ventilation wear respiratory protection

##### Emergency procedures:

DO NOT enter (storage areas, confined spaces) unless adequately ventilated

##### Measures in case of dust release:

Keep unnecessary and unprotected personnel away from the spillage. Avoid inhalation of dust and contact with skin and eyes.

#### 6.1.2 For emergency responders

##### Protective equipment:

Do not attempt to take action without suitable protective equipment.

Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

##### Emergency procedures:

For further information refer to section 8: "Exposure controls/personal protection". More detailed information: See section 11. For disposal of residues refer to section 13: Disposal considerations".

### 6.2 Environmental precautions

Do not allow to enter drains or water courses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

#### For containment:

Avoid dust formation. Avoid dust to spread.

#### Methods for cleaning up:

Sweep spilled substance into containers: if appropriate, moisten first to prevent dusting.

#### Other information:

Dispose of materials or solid residues at an authorized site

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### 6.4 Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

#### Precautions for safe handling:

Wear personal protective equipment. In case of inadequate ventilation wear respiratory protection.

#### Hygiene measures:

Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

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

#### Storage conditions:

No special storage required.

#### Incompatible products:

None known.

#### Storage temperature:

5 – 25 °C

### 7.3 Specific end use(s)

Section 1.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Starch, carboxymethyl ether, sodium salt (9063-38-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m <sup>3</sup> Inhalable dust

#### 8.1.2 Recommended monitoring procedures

No additional information available

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### 8.1.3 Air contaminants formed

No additional information available

### 8.1.4 DNEL and PNEC

No additional information available

### 8.1.5 Control banding

No additional information available

## 8.2 Exposure Controls

### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas

### 8.2.2 Personal protection equipment

Do not attempt to take action without suitable protective equipment. Appropriate engineering controls.

Personal protective equipment symbol(s):



#### 8.2.2.1 Eye and face protection

Chemical goggles or safety glasses

Eye protection			
Type	Field of application	Characteristics	Standard
Use eye protection according to EN 166, designed to protect against powders and dusts	Dust	Dust-tight	EN 166

#### 8.2.2.2 Skin protection

**Skin and body protection:**

Not required for normal conditions of use

**Hand protection:**

Protective gloves made of PVC

**Other skin protection:**

Materials for protective clothing: not required for normal conditions of use

#### 8.2.2.3 Respiratory protection

**Respiratory protection:**

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Dust production: dust mask with filter type P1

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### 8.2.2.4 Thermal hazards

Thermal hazard protection:

not applicable

### 8.2.3 Environmental exposure controls

Other information:

Always wash hands after handling the product

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	solid
Colour:	white. Off white
Appearance:	flakes
Odour:	barely perceptible
Odour threshold:	not available
Melting point:	not applicable
Freezing point:	not available
Boiling point:	not applicable
Flammability:	not applicable
Explosive properties:	not explosive
Oxidising properties:	not oxidizing
Explosive limits:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not applicable
Decomposition temperature:	not available
pH:	< 12
pH solution:	not available
Viscosity, kinematic:	not applicable
Viscosity, dynamic:	not applicable
Solubility:	soluble in water
Partition coefficient n-octanol/water (Log Kow):	not available
Vapour pressure:	not applicable
Vapour pressure at 50 °C:	not available
Density:	not available
Relative density:	not available
Relative vapour density at 20 °C:	not applicable
Particle size:	not available
Particle size distribution:	not available
Particle shape:	not available
Particle aspect ratio:	not available
Particle aggregation state:	not available

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Particle agglomeration state:	not available
Particle specific surface area:	not available
Particle dustiness:	not available

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

No additional information available

#### 9.2.2 Other safety characteristics

VOC content:	There are no VOCs present
Bulk density:	250 – 350 g per litre

## Section 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known under normal conditions of use

### 10.2 Chemical stability

Stable under normal conditions of use

### 10.3 Possibility of hazardous reactions

None under normal use

### 10.4 Conditions to avoid

Water, humidity

### 10.5 Incompatible materials

Moisture

### 10.6 Hazardous decomposition products

None known

## Section 11: Toxicological information

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

Acute toxicity (oral):	not classified
Acute toxicity (dermal):	not classified
Acute toxicity (inhalation):	not classified



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### Additional information:

The product has been assessed following the conventional method and is not classified for toxicological hazards accordingly. This product has low toxicity. Only large volumes may have adverse impact on human health.

Skin corrosion/irritation:	not classified
	pH: < 12
Serious eye damage/irritation:	not classified
	pH: < 12
Respiratory or skin sensitisation:	not classified
Germ cell mutagenicity:	not classified
Carcinogenicity:	not classified
Reproductive toxicity:	not classified
STOT-single exposure:	not classified
STOT-repeated exposure:	not classified
Aspiration hazard:	not classified

## 11.2 Information on other hazards

No additional information available

## Section 12: Ecological information

### 12.1 Toxicity

#### Ecology – general:

The product is not expected to be hazardous to the environment.  
However, large or frequent spills may have hazardous effects on the environment.

Hazardous to the aquatic environment, short-term (acute): not classified

Hazardous to the aquatic environment, long-term (chronic): not classified

Not rapidly degradable

Starch, carboxymethyl ether, sodium salt (9063-38-1)	
LC50 - Fish [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l

### 12.2 Persistence and degradability

Starch, carboxymethyl ether, sodium salt (9063-38-1)	
Persistence and degradability	Readily biodegradable
Biochemical oxygen demand (BOD)	1100 g O <sub>2</sub> /g substance

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### 12.3 Bioaccumulative potential

No additional information available

### 12.4 Mobility in soil

No additional information available

### 12.5 Results of PBT and vPvB assessment

No additional information available

### 12.6 Endocrine disrupting properties

No additional information available

### 12.7 Other adverse effects

No additional information available

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

No additional information available

## Section 14: Transport informations

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1 UN number or ID number</b>				
not applicable	not applicable	not applicable	not applicable	not applicable
<b>14.2 UN proper shipping name</b>				
not applicable	not applicable	not applicable	not applicable	not applicable
<b>14.3 Transport hazard class(es)</b>				
not applicable	not applicable	not applicable	not applicable	not applicable
<b>14.4 Packing group</b>				
not applicable	not applicable	not applicable	not applicable	not applicable
<b>14.5 Environmental hazards</b>				

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not applicable	not applicable	not applicable	not applicable	not applicable
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No supplementary information available

### 14.6 Special precautions for user

Overland transport:	not applicable
Transport by sea:	not applicable
Air transport:	not applicable
Inland waterway transport:	not applicable
Rail transport:	not applicable

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

Not applicable

## Section 15: Regulatory information

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

#### 15.1.1 EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### VOC Directive (2004/42)

VOC content: there is no VOCs present.

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### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.1.2 National regulations

### Germany

Water hazard class (WGK): WGK 1, Slightly hazardous to water  
(Classification according to AwSV, Annex 1)

Storage class (LGK, TRGS 510): LGK 13 – Non-combustible solids

Joint storage table:

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4. 1A
LGK 4. 1B	LGK 4.2	LGK 4.3	LGK 5. 1A	LGK 5. 1B
LGK 5. 1C	LGK 5.2	LGK 6. 1A	LGK 6. 1B	LGK 6. 1C
LGK 6. 1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for: LGK 1, LGK 6.2, LGK 7

Joint storage with restrictions permitted for: LGK 4. 1A, LGK 5. 1C

Joint storage permitted for: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

Hazardous Incident Ordinance (12. BImSchV): Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

ABM category: A(4) – low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van krankerverwekkende stoffen: None of the components are listed

SZW-lijst van mutagene stoffen: None of the components are listed

SZW-lijst van reprotoxische stoffen - Borstvoeding: None of the components are listed

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SZW-lijst van reprotoxische stoffen - Vruchtbaarheid: None of the components are listed

SZW-lijst van reprotoxische stoffen - Ontwikkeling: None of the components are listed

### Switzerland

Storage class (LK): NG – Non-hazardous

## 15.2 Chemical safety assessment

No additional information available

## Section 16: Other information

The classification complies with: ATP 12

*Safety Data Sheet (SDS), EU*

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

### Indication of changes:

Due to change of classification database the revision numbering has been reset. You should therefore look at the revision date rather than the revision number to ensure you have the most up to date version.