

EC safety data sheet

pursuant to Regulation (EC) No. 1907/2006

KUPER

Trade name: **Kuper Glue thread**

Type: 1105, 1110, 1130, 1209, 1210, 1220, 1230, 1320, 1320 X, 1330, 1450, 1350 ZX, 29160 N, K 09, K 10, K 11; K 12, K 13, K 44, P 10, P 60

Created: Nov.11th, 2013

Version: 3.0

Revised on: Jan.06th, 2020

Replaced version: 2.3

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Introduction

This product is a product as set forth in the regulation (EC) No. 1907/2006 (REACH Regulation). Under normal or reasonably predictable conditions of use, no hazardous substances can result or be released. The product is neither classified as a hazardous substance as defined by the transport regulations, nor does it contain any substances hazardous to water according to the Water Resources Management Act. The waste resulting from the use or application does not require supervision or monitoring in accordance with the Closed Substance Cycle Waste Management Act (KrWG).

A material safety data sheet in accordance with 1907/2006/EC is thus **not** a mandatory requirement but was written up voluntarily to meet customer requests.

Section 1: Identification of the substance or mixture and the company

1.1. Product identifier:

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1.2. Relevant identified use of the substance or mixture and applications advised against

Uses: Glue thread for veneer splicing, and other commercial use.

Uses advised against:

1.3. Details of the supplier who provides the material safety data sheet:

Manufacturer/Supplier: Heinrich Kuper GmbH
Street / P.O. Box: Heinrich-Kuper-Straße 10-15
Nat. code/postcode/town: D-33397 Rietberg
Phone: +49 (0) 5244 984-0
Fax: +49 (0) 5244 984-201

Contact for technical information:

Phone: +49 (0) 5244 984-0
Fax: +49 (0) 5244 984-201
Mail: MSDS@Kuper.de

1.4. Emergency number:

During office hours
Mo. – Thurs. from 7.45 a.m to 04.00 p.m.
Fri. from 7.45 a.m. to 03.00 p.m.

Phone: +49 (0) 5244 984-0
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Section 2: Possible hazards

2.1. Classification of the substance or mixture:

The product is not subject to mandatory labelling in accordance with Directive (EC) No. 1272/2008.

2.2. Identification elements

Hazard symbol/pictogram:	N/A
Hazard information:	N/A
Safety information/instructions:	N/A
Additional labelling/identification:	none

Information about marking

Although specific declaration is not required for this product, we recommend to observe the safety advice.

2.3. Other hazards:

During processing, slight fumes are produced that from experience do not cause any adverse health effects. In addition, the heated product can cause burns on contact.

Section 3: Composition/Information on ingredients

3.1. Substances

Not applicable. The product in question is based on various mixtures.

3.2. Mixtures

Description: Product consists of glass fibres saturated with adhesive.

<i>Glass fibres,</i>	<i>portion: 20 - 50%</i>
EC No.: --	CAS No.: 65997-17-3
Classification pursuant to Regulation (EC) No. 1272/2008: not applicable	

<i>Polyamide adhesive,</i>	<i>portion: 50 - 80%</i>
EC No.: --	CAS No.: 68526-08-9
Classification pursuant to Regulation (EC) No. 1272/2008: not applicable	

<i>Talcum,</i>	<i>portion: 0 - 1%</i>
EC No.: --	CAS No.: 14807-96-6
Classification pursuant to Regulation (EC) No. 1272/2008: not applicable	

Additional information

Substances listed in the "Candidate List of Substances of Very High Concern (SVHC) for authorisation" issued by the European Chemicals Agency (ECHA), are no intended ingredients of this product. For this reason, it is not to be expected that these substances are contained in this product in quantities of $\geq 0.1\%$.

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Section 4: First-aid measures

4.1. Description of the First Aid measures

When handled normally and used for the intended use, there are no conceivable emergencies caused by the product, therefore no emergency contact information is provided. In case of doubt, the department that can provide information is available during office hours (Mon.- Thurs. 07:45 a.m. – 04:00 p.m., Fri. 07:45 a.m. – 03:00 p.m.).

General information:

Call First Aid Assistant, put unconscious person in the recovery position and keep warm; remove any foreign bodies from the mouth.

Inhalation:

In the event of breathing difficulties on contact with smoke or steam, move the person to fresh air. Keep respiratory tracts clear. If the person stops breathing, administer mouth-to-mouth resuscitation. Seek medical attention immediately.

Contact with the skin:

In the event that the hot molten adhesive comes into contact with the skin, rinse the affected skin areas under cold running water until the burning sensation subsides. Do not remove adhering product residue or clothing from the skin, seek medical attention.

Contact with the eyes:

In the event that the molten adhesive comes into contact with the eyes, immediately rinse the eyes with plenty of cold water and occasionally lift the top and bottom eyelids. Consult an eye specialist.

Ingestion:

Rinse mouth out with water and give small sips of water. If any symptoms occur, seek medical attention.

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

None known.

4.3. Indication of any immediate medical attention or special treatment needed

Treat according to symptoms.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray, extinguishing powder, foam, carbon dioxide.

Apply suitable fire-fighting measures depending on the surroundings/ambient conditions.

Extinguishing media unsuitable for safety reasons:

Unknown, take the surroundings/ambient conditions into consideration (e.g. electrical installations/equipment).

5.2. Specific hazards resulting from the substance or mixture

In the event of fire, hazardous fire gases (carbon monoxide, carbon dioxide) may be released.

5.3. Advice for fire-fighting

Apply suitable fire-fighting measures depending on the surroundings/ambient conditions. In the event of larger accidents, evacuate the area if necessary. Do not inhale fire gases. Wear atmosphere-supplying

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respirators and chemical protection suit. Do not inhale fire gases. In the event of combustion, considerable production of soot/smoke possible.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear standard workwear and personal protective equipment as specified in chapter 8.

6.2. Environmental protection measures

No special measures required.

6.3. Methods and material for containment and clean-up

Carefully sweep up any spilt material and remove mechanically. Dispose of any unusable material as waste in accordance with regulations.

6.4. Reference to other sections

The type of protective equipment is to be selected according to the situation.
In addition, observe sections 7, 8 and 13.

Section 7: Handling and storage

7.1. Protective measures for safe handling

Wear personal protective equipment (see section 8). Observe standard occupational hygiene measures. Contact with hot material causes thermal burns. Ensure adequate ventilation and extraction at the workplace. Do not expose material in an uncontrolled manner to the effects of ignition or heat sources; NO SMOKING.

7.2. Conditions for safe storage, taking incompatibilities into account

Only store product in the original packaging in a dry, cool and well ventilated place. Protect from intensive sun radiation, heat, frost and contamination. Recommended storage temperature: 5 °C to 30 °C. Store in storage rooms for combustible solids (VCI storage class 11). Store separately from food and beverages.

7.3. Specific end applications

Commercial use as a glue thread for veneer splicing.
Please refer to our technical information sheet for additional information.

Section 8: Exposure controls/personal protection

8.1. Parameters to be monitored

Occupational exposure limits

The product does not contain relevant quantities of substances requiring limit values to be monitored at the workplace.

8.2. Exposure controls

Suitable technical control devices

Ensure adequate ventilation and extraction. We recommend providing an extraction unit at the melt unit.

Individual protective measures - personal protective equipment

General protective and hygienic measures:

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The general regulations for industrial and commercial hygiene at the workplace are to be observed.

Respiratory protection: No special measures required.

Hand protection: Heat resistant protective gloves that can withstand the temperature of the melted product.

Eye protection: Safety goggles with side shields.

Body protection: Non-melting (heat resistant) workwear with arm guards.

Limits and monitoring of environmental exposure

N/A

Section 9: Physical and chemical properties

9.1. Information on the basic physical and chemical properties

Appearance

State of matter: solid

Colour: Off-white to beige (or coloured - on customer request)

Odour: low

Safety relevant data

Parameters	Value	Method	Remark
Steam pressure (20°C)			N/A
Steam pressure (50°C)			N/A
Ignition temperature			N/A
Flash point	> 100 °C		
Odour threshold			not determined
Solubility in water (20°C)	insoluble		
Lower explosion limit			N/A
Upper explosion limit			N/A
pH value (20°C)			N/A
Steam density (20°C)			N/A
Relative density (20°C)	approx. 1		
Lower boiling point / area			N/A
Melting point	154 - 166 °C	(ASTM D 3461-85)	
Self-decomposition temperature	> 250 °C		
Evaporation speed			N/A
Distribution coefficient (K _{OW})			N/A
Viscosity, flow time (23°C)			N/A
Viscosity, dynamic (mPas/20°C)			N/A
Solvent separation test			N/A
Explosive properties	N/A		

not determined = not determined

n.z. = not applicable

The stated values for steam pressure, ignition temperature and explosion limits refer to the solvent / solvent mixture.

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9.2. Other specifications

Other physical-chemical data was not determined.

Section 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to be avoided

Open flames, sparks or intense heat supply.

10.5. Incompatible materials

No incompatible materials known.

10.6. Dangerous decomposition products

Given correct handling and storage, no hazardous decomposition products are known.
If intense heat is applied, this can lead to the formation of decomposition products: Carbon dioxide, hydrocarbons, organic crack products).

Section 11: Toxicological information

11.1. Information on toxicological effects

We have no toxicological findings with respect to the product.

Toxicity

No details are known about the product to this effect, however the ingredients are not classed as toxic.

Irritation

No details are known about the product to this effect, however the ingredients are not classed as irritating to the skin and eyes.

Causticity

No details are known about the product to this effect, however the ingredients are not classed as caustic.

Allergisation of the respiratory tracts / skin

No details are known about the product to this effect, however the ingredients are not classed as sensitising.

Carcinogenicity

No details are known about the product to this effect, however the ingredients are not classed as carcinogenic.

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Germ cell mutagenicity

No details are known about the product to this effect, however the ingredients are not classed as mutagen.

Teratogenicity

No details are known about the product to this effect, however the ingredients are not classed as teratogenic.

Specific target organ toxicity with repeated exposition

No details are known about the product to this effect, however the ingredients are not classed as teratogenic.

Specific target organ toxicity with once-only exposition

No details are known about the product to this effect, however the ingredients are not classed as teratogenic.

Aspiration hazard

No details are known about the product to this effect, however the ingredients are not classed as hazardous when asperated.

Further information

No damage to health has become known after years of experience given correct use of the product. At processing temperature fumes may be released from the melt that may lead to irritation of the respiratory organs of particularly sensitive persons.

Section 12: Environmental information

12.1. Toxicity

No data available.

12.2. Persistence and biodegradability

No data available.

12.3. Bioaccumulation potentiality

No data available.

12.4. Mobility in the ground

No data available

12.5 Result of the PBT and vPvB assessment

The product does not contain PBT or vPvB substances.

12.6 Other adverse effects

Polymers decompose very slowly in the environment. There has not yet been any research into the decomposition behaviour, bioaccumulation, mobility and other ecotoxic properties.

The waste water produced during processing is to be treated in accordance with local regulations.

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Section 13: Information on disposal

13.1. Waste treatment methods

The product and the packaging can be disposed of separately and in accordance with the local waste disposal regulations and the acceptance conditions of the waste disposal companies.

Waste disposal code in accordance with the waste catalogue regulation (AVV)

The waste disposal code is to be assigned according to the European Waste Catalogue (EWC) depending on the industry and process.

Recommendation: The exact waste disposal code is to be determined in cooperation with the disposal company.

Section 14: Transport information

Not classified as a hazardous substance as set forth in the transport regulations (ADR/RID/GGVSEB, ADNR, IMDG/GGVSee, ICAO/IATA).

However, classification of waste may be necessary due to adhering foreign substances (contamination).

Section 15: Directives

15.1 Regulations regarding safety, health and environmental protection / legislation specific to the substance or mixture

National regulations

Water hazard class: Not hazardous to water
acc. to No. 1.2 a, Code 766 VwVwS, Annex 4)

Other regulations, restrictions and prohibition ordinances:

Adhere to the regulations regarding workplace health and safety of young people and maternity protection.

Instruct/train employees at least once per year.

15.2 Chemical safety assessment

The product has not been subject to a safety assessment.

Section 16: Other information

Revisions

- New Manufacturer/Supplier -

Wording of the R / S statements, warning and safety information, safety advice and/or safety information referred to in section 2 to 15.

- None -

Further Information

The information in this material safety data sheet is based on our knowledge at the current time. It relates to the safety requirements of our pure product, however, it does not constitute a warranty of any product properties or quality descriptions and does not form the basis for a contractual legal relationship.

The product may not be used for any other purpose than that specified in section 1. The user himself/herself is responsible for adhering to all necessary legal regulations.