

Safety data sheet according to UK REACH

Printing date 04.02.2026

Version number 3 (replaces version 2)

Revision: 04.02.2026

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

- **1.1 Product identifier**
- **Trade name *Kontakklebstoff Rexopren KK 346***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Adhesives
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MUREXIN GmbH
Franz v. Furtenbachstr. 1
A-2700 Wiener Neustadt
Tel.: +43 (0)2622/27401
- **Informing department:** chemikalieninfo@murexin.com
- **1.4 Emergency telephone number:**
UK National poisons Emergency number.: +44 (0) 870 600 6266

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2 H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause an allergic skin reaction.
 STOT SE 3 H336 May cause drowsiness or dizziness.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS02 GHS07 GHS09

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
ethyl acetate
p-tert-Butylphenol-Formaldehyde Resin
Hydrocarbons C6-C7, isoalkanes, cyclic, <5% n-hexane
Rosin
- **Hazard statements**
H225 Highly flammable liquid and vapour.

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H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

- PBT: Not applicable
- vPvB: Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures

· **Description:** Mixture consisting of the following components with harmless additives.

Dangerous components:

CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 2119475103-46 01-2119475103-46- xxxx	ethyl acetate ----- ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	25-50%
EC number: 926-605-8 Reg.nr.: 01-2119486291-36- xxxx	Hydrocarbons C6-C7, isoalkanes, cyclic, <5% n- hexane ----- ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ STOT SE 3, H336 EUH066	≥10-<25%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43- xxxx	butanone ----- ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	10-25%
CAS: 64742-49-0 EC number: 927-510-4 Reg.nr.: 01-2119475515-33- xxxx	Naphtha (petroleum), hydrotreated light ----- ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	2.5-5%

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CAS: 64742-49-0 EC number: 931-254-9 Reg.nr.: 01-2119484651-34-xxxx	Naphtha (petroleum), hydrotreated light  Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H336	2.5-5%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35-xxxx	Hydrocarbons C6-C7,n-alkanes, isoalkanes, cyclenes <5%n-hexane  Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H336	2.5-5%
CAS: 25085-50-1	p-tert-Butylphenol-Formaldehyde Resin  Skin Sens. 1, H317	2.5-5%
CAS: 8050-09-7 EINECS: 232-475-7	Rosin  Skin Sens. 1, H317	1-2.5%
CAS: 1314-13-2 EINECS: 215-222-5 Reg.nr.: 01-2119463881-32-01029	zinc oxide  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.025-<0.25%

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

After skin contact

If skin irritation continues, consult a doctor.

Instantly wash with water and soap and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Wear protective clothing.

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- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Prevent material from reaching sewage system, holes and cellars.
Inform respective authorities in case product reaches water or sewage system.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep containers tightly sealed.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store in cool location.
Store only in the original container.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.
- **Storage class 3**
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with critical values that require monitoring at the workplace:

141-78-6 ethyl acetate

WEL	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm
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78-93-3 butanone

WEL	Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk, BMGV
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8050-09-7 Rosin

WEL	Short-term value: 0.15 mg/m ³ Long-term value: 0.05 mg/m ³ Sen
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· Ingredients with biological limit values:

78-93-3 butanone

BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one
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- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **8.2 Exposure controls**
- **Appropriate engineering controls** *No further data; see section 7.*
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**
*The usual precautionary measures should be adhered to in handling the chemicals.
Keep away from foodstuffs, beverages and food.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.*
- **Breathing equipment:**
*Not necessary if room is well-ventilated.
Use breathing protection in case of insufficient ventilation.
Filter A/P2.*
- **Hand protection**
*Protective gloves.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*
- **Material of gloves**
*Butyl rubber, BR
Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.*
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection**
*Safety glasses
Face protection*
- **Body protection:** *Protective work clothing.*

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** *Liquid*
- **Colour:** *Light brown*
- **Smell:** *Fruit-like*
- **Odour threshold:** *Not determined*
- **Melting point/freezing point:** *Not determined*
- **Boiling point or initial boiling point and boiling range** *60 °C*
- **Flammability** *Highly flammable.*
- **Lower and upper explosion limit**
- **Lower:** *1.8 Vol % (Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclenes <5% n-hexane)*
- **Upper:** *11.5 Vol % (141-78-6 ethyl acetate)*
- **Flash point:** *-25 °C*
- **Auto-ignition temperature:** *460 °C*
- **Decomposition temperature:** *Not determined*
- **pH** *Mixture is non-polar/aprotic.*
- **Viscosity:**
- **Kinematic viscosity** *Not determined*
- **dynamic at 20 °C:** *2,800 mPas*

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<ul style="list-style-type: none"> · Solubility · Water: Not miscible or difficult to mix · Partition coefficient n-octanol/water (log value) Not determined · Steam pressure at 20 °C: 105 hPa · Density and/or relative density · Density at 20 °C 0.9 g/cm³ · Relative density Not determined · Vapour density Not determined 	
<ul style="list-style-type: none"> · 9.2 Other information · Appearance: · Form: Fluid · Important information on protection of health and environment, and on safety. · Self-inflammability: Product is not selfigniting. · Explosive properties: Product is not explosive. However, formation of explosive air/steam mixtures is possible. · Solvent content: · Solids content: 21.5 % · Change in condition · Evaporation rate Not determined 	
<ul style="list-style-type: none"> · Information with regard to physical hazard classes · Explosives Void · Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void · Flammable liquids Highly flammable liquid and vapour. · Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void · Self-heating substances and mixtures Void · Substances and mixtures, which emit flammable gases in contact with water Void · Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void 	

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** None

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SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

141-78-6 ethyl acetate

Oral	LD50	5,600 mg/kg (rat)
Dermal	LD50	18,000 mg/kg (rabbit)

Hydrocarbons C6-C7, isoalkanes, cyclic, <5%n-hexane

Oral	LD50	>5,000 mg/kg (rat)
------	------	--------------------

78-93-3 butanone

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	6,400-8,000 mg/kg (rabbit)

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	5 mg/l (rat)

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	5 mg/l (rat)

Hydrocarbons C6-C7,n-alkanes, isoalkanes, cyclenes <5%n-hexane

Oral	LD50	>5,000 mg/kg (rat)
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1314-13-2 zinc oxide

Oral	LD50	>5,000 mg/kg (rat)
Inhalative	LC50/4 h	>5,700 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

78-93-3	butanone	List II
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SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

141-78-6 ethyl acetate

EC 50	3,300 mg/l (Acartia Tonsa)
	717 mg/l (G)
LC50	230 mg/l (F2)

Hydrocarbons C6-C7, isoalkanes, cyclic, <5%n-hexane

ErL50	55 mg/l (Acartia Tonsa)
EL50	3 mg/l (G)
LC50	3.87 mg/l (G)

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78-93-3 butanone

ErC50 2,029 mg/l (F2)

EC 50 308 mg/l (G) (48h)

64742-49-0 Naphtha (petroleum), hydrotreated light

IC 50 1-10 mg/l (Acartia Tonsa)

LC50 1-10 mg/l (Cyprinus carpio (Karpfen))

64742-49-0 Naphtha (petroleum), hydrotreated light

IC 50 1-10 mg/l (Acartia Tonsa)

LC50 1-10 mg/l (Cyprinus carpio (Karpfen))

Hydrocarbons C6-C7,n-alkanes, isoalkanes, cyclenes <5%n-hexane

ErL50 55 mg/l (Acartia Tonsa)

EL50 3 mg/l (G)

LC50 3.87 mg/l (G)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Water hazard class (Germany) 2 (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14: Transport information

- | | |
|--|---|
| <ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR, IMDG, IATA | UN1133 |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG | 1133 ADHESIVES, ENVIRONMENTALLY
HAZARDOUS
ADHESIVES, MARINE POLLUTANT |

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· IATA	ADHESIVES
· 14.3 Transport hazard class(es)	
· ADR, IMDG	
 	
· Class	3 Flammable liquids.
· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclenes <5% n-hexane
· Marine pollutant:	Yes Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Kehler Number:	33
· EMS Number:	F-E, S-D
· Stowage Category	B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Transport category	2
· Tunnel restriction code	D/E
· UN "Model Regulation":	UN 1133 ADHESIVES, 3, II, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

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· **Reportable explosives precursors**

None of the ingredients is listed.

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

· **Contact:** chemikalieninfo@murexin.com (+43 02622/27401)

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· *** Data compared to the previous version altered.**