

Safety data sheet

According to 91/155 EEC

Printing date 26.04.2015

Version number 7

Revision: 26.04.2015

Hazardous according to criteria of Australian Safety and Compensation Council

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

- **Product identifier**
- **Trade name: UHU Contact Liquid**
- **Application of the substance / the mixture** Adhesives
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
FABER - CASTELL
15 GIBBON RD.
WINSTON HILL
NSW 2153
Toll Free: 1800 677 885
Free Fax: 1800 678 608
EMAIL: enquiries@faber-castell.com.au
- **Further information obtainable from: CRD**
- **Emergency telephone number:**
POISONS INFORMATION CENTRE (PIC)
TEL: 13 11 26

2 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Adhesive

- **Dangerous components:**

141-78-6	ethyl acetate	25-50%
	Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cyclene	25-50%
110-82-7	cyclohexane	<1.0%
8050-09-7	Rosin	<1.0%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Irritant

Irritating to eyes and skin.



Highly flammable

Highly flammable.



Dangerous for the environment

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Vapours may cause drowsiness and dizziness.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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- **Label elements**

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**



Irritant

Highly flammable

Dangerous for the environment

- **Risk phrases:**

Highly flammable.

Irritating to eyes and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

- **Special labelling of certain preparations:**

After article 10 no. 4 of DIRECTIVE 1999/45/EC it shall not be necessary to indicate the R phrases or the S phrases, if the contents of the package do not exceed 125 ml.

This product is not to be used under conditions of poor ventilation.

This product is not to be used for carpet laying.

Contains Rosin. May produce an allergic reaction.

- **Information concerning particular hazards for human and environment:**

- **Safety phrases:**

Keep out of the reach of children.

Keep container in a well-ventilated place.

Keep away from heat.

Keep away from sources of ignition - No smoking.

Do not breathe vapour/spray.

Avoid contact with eyes.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

If swallowed, seek medical advice immediately and show this container or label.

4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:**

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

- **After swallowing:** Do not induce vomiting; call for medical help immediately.

5 Firefighting measures

- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Hydrogen chloride (HCl)

- **Protective equipment:**

Do not inhale explosion gases or combustion gases.

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No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Do not flush with water or aqueous cleansing agents
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
- **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 disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
- **Storage class:** 3
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

141-78-6 ethyl acetate

NES (Australia)	Short-term value: 1440 mg/m ³ , 400 ppm Long-term value: 720 mg/m ³ , 200 ppm
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110-82-7 cyclohexane

NES (Australia)	Short-term value: 1050 mg/m ³ , 300 ppm Long-term value: 350 mg/m ³ , 100 ppm
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Avoid direct contact with the chemical/ the product/ the preparation by organisational measures.

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- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **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 protection:** Not required.

9 Physical and chemical properties

- **General Information**

- **Appearance:**

Form:	Fluid
Colour:	Yellow
Odour:	Characteristic
Odour threshold:	Not determined.

- **pH-value:** Not determined.

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	77 °C

- **Flash point:** -1 °C

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 460 °C

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits:**

Lower:	2.1 Vol %
Upper:	11.5 Vol %

- **Vapour pressure at 20 °C:** 97 hPa

Density at 20 °C:	0.8955 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

- **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic at 20 °C:	3750 mPas
Kinematic:	Not determined.

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· Solvent content:	
Organic solvents:	73.4 %
Water:	0.1 %
VOC (EC)	73.44 %

· Solids content:	26.3 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

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

141-78-6 ethyl acetate

Oral	LD50	5620 mg/kg (rabbit)
Inhalative	LC50/4 h	1600 mg/l (rat)

110-82-7 cyclohexane

Oral	LD50	12705 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Do not allow product to reach ground water, water course or sewage system.

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13 Disposal considerations

- Waste treatment methods

- Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

- European waste catalogue

08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
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- Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number

- ADG, IMDG, IATA

UN1133

- UN proper shipping name

- ADG

1133 ADHESIVES, ENVIRONMENTALLY HAZARDOUS, special provision 640H

1133 KLEBSTOFFE, UMWELTGEFÄHRDEND, Sondervorschrift 640H

- IMDG

ADHESIVES (HEPTANES, CYCLOHEXANE), MARINE POLLUTANT

- IATA

ADHESIVES

- Transport hazard class(es)

- ADG, IMDG



- Class

3 Flammable liquids.

- Label

3

- IATA



- Class

3 Flammable liquids.

- Label

3

- Packing group

- ADG, IMDG, IATA

III

- Environmental hazards:

Product contains environmentally hazardous substances: cyclohexane, Kohlenwasserstoffe, C7, n-Alkane, Isoalkane, Cyclene

- Marine pollutant:

Yes

- Special marking (ADG):

Symbol (fish and tree)

Symbol (fish and tree)

- Special precautions for user

Warning: Flammable liquids.

- Danger code (Kemler):

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· EMS Number:	F-E,S-D
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

15 Regulatory information

· Australian Inventory of Chemical Substances

141-78-6	ethyl acetate
9010-98-4	Polychloropren
1309-48-4	magnesium oxide
110-82-7	cyclohexane
68610-51-5	Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene
8050-09-7	Rosin
16674-78-5	Magnesiumacetat
7732-18-5	water, distilled, conductivity or of similar purity

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· Code letter and hazard designation of product:



Irritant
Highly flammable
Dangerous for the environment

· Risk phrases:

Highly flammable.
Irritating to eyes and skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Vapours may cause drowsiness and dizziness.

· Safety phrases:

Keep out of the reach of children.
Keep container in a well-ventilated place.
Keep away from heat.
Keep away from sources of ignition - No smoking.
Do not breathe vapour/spray.

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Avoid contact with eyes.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

If swallowed, seek medical advice immediately and show this container or label.

· **Special labelling of certain preparations:**

This product is not to be used under conditions of poor ventilation.

This product is not to be used for carpet laying.

Contains Rosin. May produce an allergic reaction.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

· **Please note:** Product for professional use!

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.

· **Department issuing MSDS:** CRD

· **Contact:**

Frau A. Liar,

Herr Dr. C. Hanf

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

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