

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

· **Product details**

· **Trade name:** UHU super glue gel

· **Application of the substance / the preparation** Adhesives

· **Manufacturer/Supplier:**

UHU GmbH & Co.KG

Herrmannstraße 7

D-77815 Bühl (Baden)

Tel.: 0049-(0)7223-284-0

email: info@uhu.boltongroup.de

Fax: 0049-(0)7223-284-245

· **Further information obtainable from:** CRD

· **Information in case of emergency:** 0049-(0)7223284-363/-370

2 Hazards identification

· **Hazard description:**



Xi Irritant

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

R 36/37/38 Irritating to eyes, respiratory system and skin.

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

3 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Adhesive

· **Dangerous components:**

CAS: 7085-85-0	ethyl 2-cyanoacrylate	 Xi; R 36/37/38	50-100%
EINECS: 230-391-5			

4 First aid measures

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

· **After inhalation:** Supply fresh air.

· **After skin contact:**

Rinse with warm water.

Do not pull solidified product off the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Seek immediate medical advice.

5 Fire-fighting measures

· **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.

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

· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Person-related safety precautions:** Ensure adequate ventilation

· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

(Contd. on page 2)

Printing date 13.08.2008

Revision: 27.06.2008

Trade name: UHU super glue gel

(Contd. of page 1)

- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **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:** Store in cool, dry conditions in well sealed receptacles.

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:**

7085-85-0 ethyl 2-cyanoacrylate

WEL Short-term value: 1.5 mg/m³, 0.3 ppm

- **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 organizational measures.

- **Respiratory protection:** Not required.

- **Protection of hands:**

Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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:** Safety glasses

9 Physical and chemical properties

- **General Information**

Form: Pasty
Colour: Colourless
Odour: Pungent

- **Change in condition**

Melting point/Melting range: Undetermined.

(Contd. on page 3)

Printing date 13.08.2008

Revision: 27.06.2008

Trade name: UHU super glue gel

(Contd. of page 2)

Boiling point/Boiling range: 60°C (3mbar)	
· Flash point:	82°C
· Danger of explosion:	Product does not present an explosion hazard.
· Density at 20°C:	1.03 g/cm ³
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Solvent content:	
Organic solvents:	0.0 %
VOC (EC)	0.00 %
· Solids content:	100.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions**
Exothermic polymerization.
Reacts with water.
Reacts with amines.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
Irritant
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:

12 Ecological information

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** 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.

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(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2008

Revision: 27.06.2008

Trade name: UHU super glue gel

(Contd. of page 3)

14 Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -
- UN-Number: -

- Maritime transport IMDG:
- IMDG Class: -
- UN Number: -
- Marine pollutant: No

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -
- UN/ID Number: -

- Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information

- Labelling according to EU guidelines:
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
The R and S phrases may be omitted if packaging contains no more than 0.125 litre.
- Code letter and hazard designation of product:
Xi Irritant
- Risk phrases:
36/37/38 Irritating to eyes, respiratory system and skin.
- Safety phrases:
2 Keep out of the reach of children.
23 Do not breathe fumes/aerosol.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.
- Special labelling of certain preparations:
Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

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 R-phrases
36/37/38 Irritating to eyes, respiratory system and skin.
- Department issuing MSDS: CRD
- Contact:
Frau A. Liar,
Herr Dr. C. Hanf