

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

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

· 1.1 Product identifier

· Trade name: HUECK Sekundenkleber

· Article number: Z 900 931

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

· Relevant identified uses of the substance or mixture: Adhesives

· uses advised against: No information available.

· Application of the substance / the preparation: Adhesives

· Field of application: industrial/professional use

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: Weiss Chemie + Technik GmbH & Co.KG
Hansastr.2
D-35708 Haiger

Tel.: ++49 (0)2773 / 815-0

· Informing department: F. Diehlmann (+49 (0)2773/815-261)
E-Mail: f.diehlmann@weiss-chemie.de

R. Jankowiak (+49 (0)2773/815-264)
E-Mail: r.jankowiak@weiss-chemie.de

· 1.4 Emergency telephone number:

GBK Gefahrgut Büro GmbH Ingelheim
++49 (0)6132/84463
(first contacting in German or English language)


· Distributor:

Eduard Hueck GmbH & Co. KG
Loher Str. 9
D-58511 Lüdenscheid
Tel. +49 (0) 23 51 151-1
Fax +49 (0) 23 51 151-283
www.eduard-hueck.de

2 Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC

 Xi; Irritant

R36/37/38: Irritating to eyes, respiratory system and skin.

· Classification system: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

· 2.2 Label elements

· Labelling according to EU guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)
Observe the normal safety regulations when handling chemicals

· Code letter and hazard designation of product:

Xi Irritant

· Risk phrases:

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

· Safety phrases:

23 Do not breathe vapour.
24/25 Avoid contact with skin and eyes.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

Trade name: HUECK Sekundenkleber

(Contd. of page 1)

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 35 This material and its container must be disposed of in a safe way.

· **Special labelling of certain preparations:**

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

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **3.2 Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with harmless additions.

· **Dangerous components:**

CAS: 7085-85-0 ethyl 2-cyanoacrylate 50-100%

EINECS: 230-391-5 Xi R36/37/38

⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335

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

4 First aid measures

· **4.1 Description of first aid measures**

· **General information**

Instantly remove any clothing soiled by the product.

· **After inhalation**

Supply fresh air; consult doctor in case of symptoms.

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

· **After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing**

Do not induce vomiting; instantly call for medical help.

· **4.2 Most important**

symptoms and effects, both acute and delayed

Breathing difficulty

No further relevant information available.

· **4.3 Indication of any**

immediate medical attention

and special treatment needed In cases of irritation to the lungs, initial treatment with Dexametason metered aerosol.

No further relevant information available.

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.

· **For safety reasons**

unsuitable extinguishing agents

Water with a full water jet.

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

Trade name: HUECK Sekundenkleber

(Contd. of page 2)

- **5.3 Advice for firefighters**
- **Protective equipment:** Can be released in case of fire
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
- **Additional information** Wear self-contained breathing apparatus.
Wear full protective suit.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:** Prevent from spreading (e.g. by damming-in or oil barriers).
Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections** See Section 8 for information on personal protection equipment.

7 Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
Keep containers tightly sealed.
Open and handle container with care.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Do not store together with alkalis (caustic solutions).
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.
- **7.3 Specific end use(s)** Adhesives

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**

7085-85-0 ethyl 2-cyanoacrylate

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

- **Additional information:** The lists that were valid during the compilation were used as basis.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31


Printing date 07.11.2011

Version 1

Revision: 07.11.2011

Trade name: HUECK Sekundenkleber

(Contd. of page 3)

- **8.2 Exposure controls** *Ensure good ventilation/exhaustion at the workplace.
Keep containers tightly sealed.*
- **Personal protective equipment**
- **General protective and hygienic measures** *Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
Instantly remove any soiled and impregnated garments.
Use breathing protection in case of insufficient ventilation.*
- **Breathing equipment:** *Use breathing protection in case of insufficient ventilation.*
- **Protection of hands:** *Protective gloves and protective skin cream.*
- **Material of gloves** *Plastic gloves*
- **Eye protection:**  *Tightly sealed safety glasses.*
- **Body protection:** *Protective work clothing.*

9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form:** *Fluid*
 - Colour:** *Colourless*
- **Smell:** *Characteristic*
- **Odour threshold:** *Not determined.*
- **pH-value:** *Not applicable.*
- **Change in condition**
 - Melting point/Melting range:** *Not determined*
 - Boiling point/Boiling range:** *Not determined*
- **Flash point:** *~ 87°C*
- **Inflammability (solid, gaseous)** *Not applicable.*
- **Ignition temperature:** *Not determined.*
- **Decomposition temperature:** *Not determined.*
- **Self-inflammability:** *Product is not selfigniting.*
- **Danger of explosion:** *Product is not explosive.*
- **Critical values for explosion:**
 - Lower:** *Not determined.*
 - Upper:** *Not determined.*
- **Steam pressure:** *Not determined.*
- **Density at 20°C** *ca. 1.05 g/cm³ (EN 542)*
- **Vapour density** *Not determined.*
- **Evaporation rate** *Not applicable.*

(Contd. on page 5)

— GB —

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

Trade name: HUECK Sekundenkleber

(Contd. of page 4)

- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix
- **Segregation coefficient (n-octanol/water):** Not determined.
- **Viscosity:** consult technical data sheet
- **9.2 Other information** The indicated values do not always correspond to the product specification.
Please see the technical data sheet for specification data.

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability** No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Exothermic polymerisation
Violent reactions with strong alkalis and oxidizing agents
Reacts with amines
Reacts violently with water
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
7085-85-0 ethyl 2-cyanoacrylate
Oral LD50 > 5000 mg/kg (rat)
- **Primary irritant effect:**
- **on the skin:** Irritant for skin and mucous membranes.
- **on the eye:** Irritant effect.
- **Sensitization:** Sensitization possible by inhalation.
- **Additional toxicological information:** The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** No further relevant information available.

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

(Contd. on page 6)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

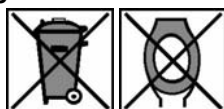
Trade name: HUECK Sekundenkleber

(Contd. of page 5)

- **12.4 Mobility in soil** Totaly curing with humidity; remains on top the surface area.
- **Ecotoxic effects:**
- **Remark:** Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
- **Additional ecological information:**
- **General notes:** This statement was deduced from the properties of the single components.
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects**

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.

- **European waste catalogue**

08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

- **Uncleaned packagings:**

- **Recommendation:** Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
15 00 00: WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00: packaging (including separately collected municipal packaging waste)
15 01 10: packaging containing residues of or contaminated by dangerous substances

14 Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

Trade name: HUECK Sekundenkleber

(Contd. of page 6)

- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer:** Not applicable.
- **Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC:** Not applicable.
- **Regulation (EC) No 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals:** No further relevant information available.
- **Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:** Not applicable.
- **Annex XVII REACH:** Not applicable.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
.....	
R36/37/38 Irritating to eyes, respiratory system and skin.	
- **Department issuing data specification sheet:** Abteilung Umweltressort
- **Contact:** Herr F. Diehlmann
Herr R. Jankowiak

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2011

Version 1

Revision: 07.11.2011

Trade name: HUECK Sekundenkleber

(Contd. of page 7)

- **Abbreviations and acronyms:** *ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
 - **Sources**
Council Directive 67/548/EEC (in the relevant version) classification, packaging and labelling of dangerous substances
Directive 1999/45/EC (in the relevant version) classification, packaging and labelling of dangerous preparations
Regulation (EC) No 1907/2006 (in the relevant version) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Access to European Union law: <http://eur-lex.europa.eu/de/index.htm>
ETOX: Information System Ecotoxicology and Environmental Quality Targets :
<http://webetox.uba.de/webETOX/index.do>
GESTIS-database on hazardous substances: <http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>
GESTIS International Limit Values: http://bgia-online.hvbg.de/LIMITVALUE/WebForm_gw.aspx
ECHA Information on Registered Substances
-

GB