



Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Renfert Sekundenkleber

Print date : 26.02.2009

Product code : 17xx-xxx0

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

Identification of the substance or preparation

Renfert Sekundenkleber

Further product name

1722-0020 Concret

1732-0020 Liquicol

1733-0100 / -0050 Sekundenkleber

1733-2000 / -2050 Sekundenkleber

Use of the substance/preparation

Adhesives.

Company/undertaking identification

Company name :	Renfert GmbH	
Street :	Untere Giesswiesen 2	
Place :	D-78247 Hilzingen	
Telephone :	+49 7731 8208-0	Telefax : +49 7731 8208-70
Contact person :	Frau Andris	Telephone : +49 7731 8208-927
e-mail :	andris@renfert.com	
Internet :	www.renfert.com	
Emergency telephone :	Vergiftungs-Zentrale Freiburg	
	+49 761 19 240	

2. Hazards identification

Classification

Indications of danger : Irritant

R-phrases :

Irritating to eyes, respiratory system and skin.

Cyanacrylate. Danger. Skin and eyelids will stick together in seconds. Keep out of the reach of children.

3. Composition/information on ingredients

Chemical characterization (preparation)

Adhesive (Ethyl-2-cyanoacrylat)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
230-391-5	7085-85-0	ethyl 2-cyanoacrylate	> 10 %	Xi R36/37/38

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

After inhalation

Provide fresh air. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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After ingestion

Immediately get medical attention.

5. Fire-fighting measures

Suitable extinguishing media

alcohol resistant foam. Extinguishing powder. Carbon dioxide (CO₂). Water fog.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Thermal decomposition can lead to the escape of irritating gases and vapors.

In case of fire may form: Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Special protective equipment for fire-fighters

In case of fire and/or explosion do not breathe fumes.

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions

Wear personal protection equipment.

Provide adequate ventilation.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Allow stiffening. Collect mechanically.

7. Handling and storage

Handling

Advice on safe handling

Handle open container with care.

Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking.

Further information on handling

In case of open handling equipment with built-in suction must be used.

Storage

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

Advice on storage compatibility

Do not store together with: Alkalis (alkalis).

Further information on storage conditions

Do not store at temperatures over: 10°C

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

8. Exposure controls/personal protection

Exposure limit values

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Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	- 0.3	- 1.5		TWA (8 h) STEL (15 min)	WEL WEL

Exposure controls

Occupational exposure controls

See chapter 7. No further action is necessary.

Protective and hygiene measures

Do not breathe vapour.

Avoid contact with skin, eye and clothing.

"Wash hands when done working with material; at breaks, lunch, shift changes, etc."

Protect skin by using skin protective cream.

Respiratory protection

Respiratory protection required in case of: Insufficient ventilation.

Hand protection

Tested protective gloves are to be worn: Suitable material: Synthetic rubber gloves

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye protection

Tightly sealed safety glasses.

Environmental exposure controls

Do not empty into drains or the aquatic environment.

9. Physical and chemical properties

General information

Physical state : liquid
Colour : colourless
Odour : characteristic

Important health, safety and environmental information

pH-Value : not applicable

Test method

Changes in the physical state

Boiling point : > 200 °C

Flash point : 87 °C

Density (at 20 °C) : 1,05 - 1,09 g/cm³

Water solubility : virtually insoluble

Viscosity / dynamic : 2 - 20.000 mPa·s
(at 25 °C)

10. Stability and reactivity

Materials to avoid

Reacts with : Water. Alkalis (alkalis). amines. Oxidizing agents.

Additional information

Polymerisation with evolution of heat.

11. Toxicological information



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Corrosive and irritant effects

Irritant effect on the skin: irritant.
species: Rabbit.
Irritant effect on the eye: irritant.
species: Rabbit.

Sensitising effects

May cause sensitization by inhalation.

Empirical data on effects on humans

Irritating to eyes, respiratory system and skin.
Cyanacrylate. Danger. Skin and eyelids will stick together in seconds. Keep out of the reach of children.

12. Ecological information

Further information

Do not allow uncontrolled leakage of product into the environment.
product has not been tested. Due to the consistency along with the low water solubility of the product, bio-availability is unlikely.

13. Disposal considerations

Advice on disposal

Remove according to the regulations.

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances
Classified as hazardous waste.

Contaminated packaging

Handle contaminated packaging in the same way as the substance itself.

14. Transport information

Land transport (ADR/RID)

Remarks (land transport)

Not a hazardous material with respect to these transportation regulations.

Marine transport

Remarks (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport

UN/ID number : 3334
ICAO/IATA-DGR : 9

Description of the goods

AVIATION REGULATED LIQUID, N.O.S. (Cyanoacrylate ester)

15. Regulatory information

Labelling

Danger symbols : Xi - Irritant

R phrases

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

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S phrases

- 23 Do not breathe Do not breathe vapour. .
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 for certain preparations

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

Additional advice on labelling

The R and S phrases can be omitted if the pack contains no more than 0,125 litres.

National regulatory information

Water contaminating class : 2 - water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

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

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. Reserved for industrial and professional use.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)