### Safety data sheet in accordance with 2001/58/EEC

Product-no.	1733-0xx0
	Sekundenkleber
Ident-No.	810000237

Version 20.06.06

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

Product	details

Trade name	: Sekundenkleber	1733-0100 und 1733-0350	
Identification of the manufacturer / supplier			
Firm : Renfert GmbH, Untere Giesswiesen 2, D-78247 Hilzingen			
Internet : www.renfert.com			
Telephone number	: +49 7731 82 08 0		
Information provided by / telephone	: +49 7731 82 08 49 / 59		
Giftnotruf	: +49 761 19 240		

### 2. Composition / information on ingredients

Chemical characterization	: Adhesive	
Hazardous ingredients	: Methylcyanacrylat	
concentration	: 60 - 80 %	
CAS no.	: 137-05-3	
Hazard symbols	: Xi	
R-phrases	: 36/37/38	
Hazardous ingredients	: Ethyl-2-cyanacrylat	
concentration	: 20 - 30 %	
CAS no.	: 7085-85-0	
Hazard symbols	: Xi	
R-phrases	: 36/37/38	

### 3. Hazards possibilities

	Irritating to eves.	, respiratory system and skin.	
•	initiating to by bb	, roophatory by btorn and bian.	

: Cyanoacrylate! Danger! Sticks skin and eyelids in seconds. Keep out of reach of

: children.

#### 4. First aid measures

After inhalation	: Ensure supply of fresh air.
After contact with skin	: Wash off immediately with soap and water.
After contact with eyes	: In case of contact with eyes rinse thoroughly with plenty of water and s
	: medical advice.
After ingestion	: Summon a doctor immediately.

After ingestion

## 5. Fire-fighting measures

Suitable extinguishing media	Water spray jet
:	Alcohol-resistant foam
:	Dry powder
:	Carbon dioxide
Extinguishing media that must	
not be used for safety reasons	not applicable
Special protective equipment	
for firefighting	Do not inhale explosion and/or combustion gases.

#### 6. Accidental release measures

Personal	
precautions	: Ensure adequate ventilation.
	: Use personal protective clothing.
Methods for cleaning up/taking up	: Allow to solidify.
	: Pick up mechanically.

### 7. Handling and storage

Handling:



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: Use only in well-ventilated areas.
: Open and handle container with care.
: Keep container tightly closed.
: Keep away from sources of ignition.
: Keep container in a well-ventilated place.
: Store in a dry place
: Keep in a cool place
: Do not store together with alkalies.
: Protect from atmospheric moisture and water.
: Do not keep at temperatures above 10 °C.

### 8. Exposure controls / personal protection

	-
Ingredients with occupational	
exposure limits to be monitored	: Methylcyanacrylat
	: AGW: 2 ml/m <sup>3</sup> = 9,2 mg/m <sup>3</sup>
On safe handling	
	: Observe the usual precautions for handling chemicals.
General protective and hygiene measure	S
	: Provide suitable exhaust ventilation at the processing machines.
	: Do not inhale vapours
	: Avoid contact with eyes and skin.
	: Wash hands before breaks and after work.
Personal protective equipment	
Respiratory protection	: Breathing apparatus in the event of high concentrations.
Hand protection	: Protective gloves
Eye protection	: Tightly fitting safety glasses
Environmental precautions	
	: No special measures necessary.

### 9. Physical and chemical properties

Form	: liquid
Colour	: colourless
Odour	: irritant
Changes in physical state:	
Boiling point	: > 149 °C
Flash point	: 80 - 94 °C
Self-ignition temperature	: 485 °C
Density	: 20 °C: 1,05 - 1,10 g/cm <sup>3</sup>
Solubility in water	: reacts with water
pH value	: not applicable

# 10. Stability and reactivity

Hazardous reactions	:	Polymerisation with evolution of heat.
	:	Partly very violent reactions with bases and numerous organic classes of
	:	substances such as alcohols and amines.
	:	Reacts with water
Decomposition products	:	No hazardous decomposition products known.

# 11. Toxicological information

- : Acute oral toxicity
- : LD50

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ident-No.	810000237	
		: rat
		: > 5000 ma/kg
Irritant effect on skin		: irritant
		: Irritating effects on the skin and mucous membrane.
Irritant effect on eves		: irritant
,		: non-sensitizing
Experiences made in practice		: Irritating to eyes, respiratory system and skin.
		: Cyanoacrylate! Danger! Sticks skin and eyelids in seconds. Keep out of reach of
		: children.

# 12. Ecological information

Biodegradability

: The product is biodegradable.

#### 13. Disposal considerations

Product	: In accordance with regulations for special waste, must be taken after
	: pretreatment to an authorised special waste disposal site or incineration
	: plant.
Waste code for unused product	: 08 04 09
Uncleaned packaging	: Packaging that cannot be cleaned should be disposed off as product waste.

### 14. Transport information

Road transport:	
Remarks	not applicable
Marine transport:	
Remarks	not applicable
Air transport:	
Class	9
Substance number	3334
Correct technical name	Aviation regulated liquid, n.o.s. (Cyanoacrylate ester)

### 15. Regulatory information

Labelling	
in accordance with GefStoffV/EC	: The product is classified and labelled in accordance with EC
	: directives/GefStoff V
Hazard symbols	: Xi Irritant
R phrases	: R 36/37/38: Irritating to eyes, respiratory system and skin.
S phrases	: S 23: Do not breathe vapour.
	: S 24/25: Avoid contact with skin and eyes.
	: S 26: In case of contact with eyes, rinse immediately with plenty of water and
	: seek medical advice.
Special labelling	
for certain preparations	: Cyanoacrylate! Danger! Sticks skin and eyelids in seconds. Keep out of reach of
	: children.
Remarks	: The R and S phrases can be omitted if the pack contains no more than
	: 0,125 litres.
National regulations (Germany) :	
Other regulations	: VOC-Gehalt: < 3 %
	: BGI 595 Data Sheet: Irritating substances / corrosive substances

### 16. Other information

This information is based on our present state of knowledge.

It should not therefore be construed as guaranteeing specific properities of the products discribed on their suitability for a

particular application.

This product/article is only specified for commercial use.

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