

# EC safety data sheet

Status 24.08.2011  
Date of printing 01.03.2012

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Trade name: Turbo glue nr. 100, nr. 200, nr. 300, nr. 400, nr. 500

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

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

Relevant identified uses of the substance or mixture

Adhesives

Trade name: Turbo glue

Company/undertaking identification

Address

Reiß GmbH

Zum Rittersberg 34

D-69231 Rauenberg

Telephone-Nr. +49-(0)7253-934766

Fax-Nr. +49-(0)7253-279138

Emergency telephone

For medical advice (in German and English)

+49(0)551 / 19240 {Giftinformationszentrum Nord (GIZ-Nord)}

## 2.) Hazards identification

Classification of the substance or mixture

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

Xi; R36/37/38

Label elements

Labelling according to Directive 1999/45/CE

Hazard symbols



R phrases

36/37/38

Irritating to eyes, respiratory system and skin.

S phrases

23

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.

Supplemental label elements

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

## 3.) Composition / information on ingredients

Substance / product identification

Chemical characterization

Adhesive basing on cyanoacrylates.

Hazardous ingredients

ethyl-2-cyanoacrylate

EC no.	230-391-5	Index no.	607-236-00-9	CAS no.	7085-85-0
Concentration	>		10	%-b.w.	
Classification			Xi; R36/37/38		
Hazard symbols	Xi		R phrases	36/37/38	

## 4.) First aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with soap and water.

After eye contact

In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

After ingestion

Summon a doctor immediately.

Advice to doctor

Symptoms

Shortness of breath

Treatment

In case of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

## 5.) Fire-fighting measures

Suitable extinguishing media

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Foam; extinguishing powder; Alcohol-resistant foam; Carbon dioxide; Water spray jet

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

Combustion products of this material have to be classed invariably as respiratory poison. In the event of fire, the following can be released:

Carbon dioxide (CO<sub>2</sub>); Nitrogen oxides (NO<sub>x</sub>)

## Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

## 6.) Accidental release measures

### Personal precautions

Ensure adequate ventilation.

### Environmental precautions

Do not allow to enter drains or waterways.

### Methods for cleaning up/taking up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

## 7.) Handling and storage

### Handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). Open and handle container with care.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

#### Classification of fires

B

#### Storage

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

#### Advice on storage assembly

Do not store with alkalis.

#### Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

## 8.) Exposure controls / personal protection

### Exposure limit values

#### ethyl-2-cyanoacrylate

CAS no. 7085-85-0

EC no. 230-391-5

#### List of approved workplace exposure limits (WELs) / EH40

Ethyl cyanoacrylate

STEL	1,5	mg/m <sup>3</sup>	0,3	ml/m <sup>3</sup>
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#### Other information on the limit values

Valid for Great Britain

### Exposure controls

#### Personal protective equipment

#### Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus. Short term: filter apparatus, Filter B

#### Hand protection

In case of intensive contact, wear protective gloves (EN 374). Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material

Synthetic rubber

#### Eye protection

Safety glasses (EN 166)

#### Skin protection

Light protective clothing

#### General protective and hygiene measures

Avoid contact with eyes and skin. At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work. Use barrier skin cream.

## 9.) Physical and chemical properties

### General information

Form

liquid

Colour

Various, depending on coloration

Odour

characteristic

### Important health, safety and environmental information

#### Changes in physical state

Type

Boiling point

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Value	>	200	°C	
<b>Flash point</b>				
Value	87		°C	
Method		DIN 51758		
<b>Density</b>				
Value	1,05	-	1,09	g/cm <sup>3</sup>
Reference temperature	20		°C	
<b>Viscosity</b>				
Type		dynamic		
Value	2	-	20000	mPa*s
Reference temperature	25		°C	
Remarks		thixotropic		
<b>Solubility in water</b>				
Remarks		essentially insoluble		

## 10.) Stability and reactivity

### Materials to avoid

Reactions with oxidising agents. Reactions with water. Reactions with alkalies. Reactions with amines.

### Hazardous decomposition products

No hazardous decomposition products known.

### Other information

Polymerization under development of heat.

## 11.) Toxicological information

### Irritant/corrosive effects

#### Irritant effect on skin

Species rabbit  
Evaluation irritant

#### Irritant effect on eyes

Species rabbit  
Evaluation irritant

### Experience in practice

Sensitisation possible through inhalation. Irritates the mucous membrane.

## 12.) Ecological information

### Other information

Do not discharge product unmonitored into the environment.

## 13.) Disposal considerations

### Product

Remove in accordance with local official regulations. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

### Packaging

Packaging that cannot be cleaned should be disposed off as product waste.

## 14.) Transport information

### Other information

No hazardous material as defined by the transport regulations.

## 15.) Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

## 16.) Other information

### Further information

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

### Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Full text of R-phrases referred to under section 3**

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R36/37/38

Irritating to eyes, respiratory system and skin.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.