

EC safety data sheet

Status 02.12.2009
Date of printing 30.05.2011

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

1) Identification of the substance/preparation and company

Use of the substance/preparation

adhesives

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

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

2.) Hazards identification

Classification

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

Hazard symbols

Xi Irritant

R phrases

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

Particular information pertaining specific risk for human / environment

Cyanoacrylate. Bonds skin and eye lids within seconds.

3.) Composition / information on ingredients

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

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

Fire gas of organic material has to be classed invariably as respiratory poison.

In the event of fire, the following can be released:

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

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.

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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 alkalies.

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/m³ 0,3 ml/m³

Other information on the limit values

Valid for Great Britain

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

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Type Boiling point

Value > 200 °C

Flash point

Value 87 °C

Method DIN 51758

Density

Value 1,05 - 1,09 g/cm³

Reference temperature 20 °C

Viscosity

Type dynamic

Value 2 - 20000 mPa*s

Reference temperature 25 °C

Remarks thixotropic

Solubility in water

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 (chapter 10.)

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 adverse effects

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 (chapter 14.)

No hazardous material as defined by the transport regulations.

15.) Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC Directive 1999/45/EC.

Hazard symbols

Xi Irritant

R phrases

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

S phrases

23.3 Do not breathe vapour.

24/25 Avoid contact with skin and eyes.

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

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) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC as amended in each case.

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.

Relevant R-phrases (chapter 3):

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