



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

Contact Gel (GB)

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

Product identifier

Name of product

Contact Gel (GB)
Code-Nr. 125001

Manufacturer/distributor

WEICON GmbH & Co. KG
Königsberger Straße 255, DE-48157 Münster
Postbox 84 60, DE-48045 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244
E-Mail : info@weicon.de
Internet : www.weicon.de

Advice

Abteilung Angebote, Verkauf, Export
Phone ++49(0)251 / 9322 - 0

Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)
Phone ++49(0)228-19 240

Recommended intended purpose(s)

1-Component Cyanacrylat - Adhesives

2. Hazards identification

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

Xi; R36/37/38

R-phrases

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

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Xi Irritant

R-phrases

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

S-phrases

2 Keep out of the reach of children.
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.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.

Special rules for supplemental label elements for certain mixtures

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

Information pertaining to special dangers for human and environment

Cyanoacrylate. Bonds skin and eye lids within seconds.



3. Composition/information on ingredients

Description

One-component adhesive based on cyanoacrylate acid alkyl ester.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
7085-85-0	230-391-5	ethyl 2-cyanoacrylate	80 - 100	Xi R36/37/38

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In case of skin contact

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

In case of eye contact

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

In case of ingestion

Call for a doctor immediately.

Physician's information / possible symptoms

Shortness of breath

Treatment (Advice to doctor)

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

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

Special hazards arising from the substance or mixture

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

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

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

Do not inhale explosion and/or combustion gases.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up

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



7. Handling and storage

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store with alkalis.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

8. Exposure controls/personal protection

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
7085-85-0	Ethyl cyanoacrylate	8 hours Short-term	1.5	0.3	EH40/2005

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, Filter B

Hand protection

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

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

Eye protection

safety goggles

Skin protection

protective clothing

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

Keep away from food and drink.

Keep separated from food and feed.

Wash hands before breaks and after work.

Use barrier skin cream.

9. Physical and chemical properties

Form

liquid

Colour

opaque

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	> 200 °C				



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	Value	Temperature	at	Method	Remark
Flash point	> 61 °C			DIN 51758	
Density	1,08-1,13 g/ cm ³	20 °C			
Solubility in water					more or less insoluble
Viscosity dynamic		20 °C			thixotropic

10. Stability and reactivity

Materials to avoid

Reacts heavily with water.
Reactions with oxidising agents.
Reactions with alkalis.
Reactions with amines.

Thermal decomposition

Remark No decomposition if used as directed.

Additional information

Polymerization under development of heat.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			
Irritability eye	irritant			

Experiences made from practice

Sensitization through inhalation possible.
Irritates mucous membranes.

12. Ecological information

General regulation

Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Recommendations for the product

Remove in accordance with local official regulations.
Can be disposed of together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.



14. Transport information

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

15. Regulatory information

VOC standard

VOC content 1,5-2 %

16. Other information

Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

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