

Weicon GmbH

Revision date: 14.03.2010

Revision no.:

1,00

Contact VA 100

7619-0208

## **1. Product and Company Identification**

### **Commercial product name**

Contact VA 100

### **Further trade names**

12050

### **Chemical characterization ( Mixture )**

1-Component Cyanoacrylate - Adhesive

### **Company/undertaking identification**

#### **Manufacturer**

Weicon GmbH

Königsberger Straße 255

D-48157 Münster

Telephone: +49 (0) 251 9322 - 0

Telefax: +49 (0) 251 9322 - 244

e-mail: info@weicon.de

Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

## **2. Hazards Identification**

### **Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

### **Signs and Symptoms of Exposure**

CAUTION !

Irritant to eyes, skin and respiratory system.

Bonds skin and eyes in seconds.

Sensitization through inhalation possible.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

## **3. Composition/Information on Ingredients**

### **Hazardous components**

CAS No.	Components	Quantity
7085-85-0	ethyl 2-cyanoacrylate	80 - 100 %

## **4. First Aid Measures**

### **General information**

Remove contaminated soaked clothing immediately.

In the event of persistent symptoms receive medical treatment.

### **After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

### **After contact with skin**

Wash off immediately with soap and plenty of water.

Consult a doctor if skin irritation persists.

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### **After contact with eyes**

Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.

Seek medical treatment by eye specialist.

### **After ingestion**

Call a physician immediately.

### **Advice to physician**

The following symptoms may occur: Shortness of breath

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

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## **5. Fire Fighting Measures**

### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

### **Special hazards arising from the chemical**

Fire may produce:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

Nitrogen oxides (NO<sub>x</sub>)

### **Protective equipment and precautions for firefighters**

Use breathing apparatus with independent air supply.

### **Additional information**

Collect contaminated firefighting water separately, must not be discharged into the drains.

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## **6. Accidental Release Measures**

### **Personal precautions**

Remove persons to safety.

Ensure adequate ventilation.

Keep away sources of ignition.

### **Environmental precautions**

Clean contaminated surface thoroughly.

Do not discharge into the drains or bodies of water.

### **Methods for cleaning up/taking up**

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

Shovel into suitable container for disposal.

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## **7. Handling and Storage**

### **Handling**

#### **Advice on safe handling**

Use only in thoroughly ventilated areas.

Avoid contact with skin, eyes and clothing.

Keep in closed original container.

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

#### **Further information on handling**

Open and handle container with care.

### **Storage**

#### **Requirements for storage rooms and vessels**

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

Do not store with alkalis.

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## **8. Exposure Controls/Personal Protection**

### **Exposure limit values**

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**Exposure limits**

CAS No.	Components	ppm	mg/m <sup>3</sup>	fib/cc	Category	Origin
7085-85-0	Ethyl cyanoacrylate	0.2	1.0		TWA (8 h)	TLV
		-	-		STEL (15 min)	TLV
		-	-		Peak	TLV

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Do not inhale gases/vapours/aerosols.

Avoid contact with eyes and skin.

Use barrier skin cream.

**Protective and hygiene measures**

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

**Respiratory protection**

Use suitable breathing apparatus if there is inadequate ventilation.

**Hand protection**

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Butyl latex, 0,7 mm, 480 min., 60 min., i.e. protective glove made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Safety goggles

**Skin protection**

Protective clothing

**9. Physical and Chemical Properties****Appearance**

Form: Liquid  
 Color: Colourless  
 Odor: Odourless

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Boiling point: >200 °C  
 Flash point: 87 °C DIN ISO 2592  
 Lower explosion limits: n.a.  
 Upper explosion limits: n.a.  
 Vapour pressure: <0,5 hPa DIN 51616  
 (at 20 °C)  
 Density (at 20 °C): 1.05-1,09 g/cm<sup>3</sup>  
 Water solubility: More or less insoluble  
 (at 20 °C)  
 Viscosity / dynamic: 5 - 1500 mPa·s  
 (at 25 °C)

**10. Stability and Reactivity**

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### Stability

Stable

### Conditions to avoid

Keep away from heat and sources of ignition.

### Materials to avoid

Reacts violently with water.

Reactions with oxidizing agents.

Reactions with alkalies.

Reactions with amines.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NO<sub>x</sub>)

### Possibility of Hazardous Reactions

May occur

### Additional information

No decomposition if stored and applied as directed.

Polymerisation occurs when exposed to heat.

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## 11. Toxicological Information

### Corrosive and irritant effects

Skin irritation = Irritant

Eye irritation = Irritant

Irritates mucous membranes.

### Sensitizing effects

Sensitization through inhalation possible.

Possible sensitization in case of persons suffering from hypersensitivity.

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## 12. Ecological Information

### Further information

Do not discharge product unmonitored into the environment.

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## 13. Disposal Considerations

### Advice on disposal

Remove in accordance with local official regulations.

Uncontaminated packaging may be treated as household waste. Can be disposed of together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

### Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

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## 14. Transport Information

### US DOT 49 CFR 172.101

#### Proper shipping name

Not regulated.

#### Land transport (ADR/RID)

#### Description of the goods

No hazardous material as defined by the transport regulations.

#### Other applicable information

No hazardous material as defined by the transport regulations.

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## 15. Regulatory Information

### U.S. Regulations

#### **National Inventory TSCA**

All of the components are listed on the TSCA inventory.

#### **SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

### State Regulations

This product contains max VOC: 1.2 - 2%

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## 16. Other Information

### **Hazardous Materials Information Label (HMIS)**

Health: 1

Flammability: 0

Physical Hazard: 1

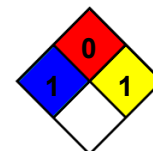
### **NFPA Hazard Ratings**

Health: 1

Flammability: 0

Reactivity: 1

Unique Hazard:



### **Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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