

**! SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Name of product**Contact VA 110  
Code-Nr. 120520**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended intended purpose(s)**

1-Component Adhesives and Sealants

**1.3. Details of the supplier of the safety data sheet****Distributor**WEICON GmbH & Co. KG  
Königsberger Str. 255,, DE-48157 Münster  
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244  
E-Mail : msds@weicon.de  
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department  
Phone ++49(0)251 / 9322 - 0  
E-mail (competent person):  
msds@weicon.de**1.4. Emergency telephone number**EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:  
++44 1865 407333 (English)  
TRANSPORT EMERGENCY CONTACT - UK, UAE, South  
Africa (24h): Tel: ++44 1865 407333 (English)**Manufacturer**WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster**1.4. Emergency telephone number**GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):  
Tel: ++49 69 222 25285 (Deutsch, Englisch)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

| Hazard classes and Hazard categories | Hazard Statements | Classification procedure |
|--------------------------------------|-------------------|--------------------------|
|--------------------------------------|-------------------|--------------------------|

|               |      |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2  | H319 |
| STOT SE 3     | H335 |

**Hazard Statements**

|      |                                   |
|------|-----------------------------------|
| H315 | Causes skin irritation.           |
| H319 | Causes serious eye irritation.    |
| H335 | May cause respiratory irritation. |

**2.2. Label elements**

## Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS07

**Signal word**

Warning

**Hazard Statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
  
P302 + P352 IF ON SKIN: Wash with plenty of water/...  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/doctor/.../if you feel unwell.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P361 Take off immediately all contaminated clothing.  
  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P501 Dispose of contents/container to hazardous or special waste collection point.

**Special rules for supplemental label elements for certain mixtures**

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

**2.3. Other hazards****Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Hazardous ingredients**

| CAS No    | EC No     | Name                  | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
|-----------|-----------|-----------------------|------------|--|
| 7085-85-0 | 230-391-5 | ethyl 2-cyanoacrylate | >= 30      | Eye Irrit. 2, H319 / STOT SE 3, H335 / Skin Irrit. 2, H315         |

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

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

Consult a doctor if skin irritation persists.

#### 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

Do not induce vomiting.

Seek medical advice immediately.

Rinse out mouth and give plenty of water to drink.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam

ABC powder

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolyse products.

In the event of fire the following can be released:

Nitrogen oxides (NOx)

Carbon monoxide (CO)

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

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Do not inhale explosion and/or combustion gases.

#### Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.

### 6.2. Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.

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

### 6.3. Methods and material for containment and cleaning up

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

Ventilate area concerned

After taking up the material dispose according to regulation.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

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

Provide good room ventilation even at ground level (vapours are heavier than air).

Take the usual precautions when handling with chemicals.

#### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

#### Hygiene measures

Do not eat or drink when working.

Remove soiled or soaked clothing immediately.

Keep away from food and drink.

Wash hands before breaks and after work.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep only in original container.

#### Advice on storage compatibility

Do not store with alkalis.

Do not store together with food.

#### Further information on storage conditions

Protect from direct solar radiation.

Protect of heat.

Store at cool and aired place.

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Ingredients with occupational exposure limits to be monitored**

| CAS No    | Name                | Code                  | [mg/m3] | [ppm] | Remark    |
|-----------|---------------------|-----------------------|---------|-------|-----------|
| 7085-85-0 | Ethyl cyanoacrylate | 8 hours<br>Short-term | 1.5     | 0.3   | EH40/2005 |

**Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.

Short term: filter apparatus, Filter B

**Hand protection**

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: NBR (Nitrile rubber) oder Butyl rubber,  $\geq 0,5$  mm,  $\geq 60$  min

**Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing

**Appropriate engineering controls**

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

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

| Appearance | Colour     | Odour    |
|------------|------------|----------|
| liquid     | colourless | irritant |

**Odour threshold**

not determined

**Important health, safety and environmental information**

|  | Value             | Temperature | at | Method | Remark |
|--|-------------------|-------------|----|--------|--------|
| <b>pH value</b>                            | No data available |             |    |        |        |
| <b>Acid number</b>                         | No data available |             |    |        |        |
| <b>Boiling temperature / boiling range</b> | not determined    |             |    |        |        |
| <b>Melting point / Freezing point</b>      | not determined    |             |    |        |        |
| <b>Flash point</b>                         | > 80 °C           |             |    |        |        |
| <b>Vapourisation rate</b>                  | not determined    |             |    |        |        |
| <b>Flammable (solid)</b>                   | not applicable    |             |    |        |        |



# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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Contact VA 110

|  | Value                  | Temperature | at | Method    | Remark                            |
|--|------------------------|-------------|----|-----------|-----------------------------------|
| <b>Flammability (gas)</b>                                | not applicable         |             |    |           |                                   |
| <b>Ignition temperature</b>                              | not determined         |             |    |           |                                   |
| <b>Self ignition temperature</b>                         |                        |             |    |           | The product is not self-igniting. |
| <b>Lower explosion limit</b>                             | not determined         |             |    |           |                                   |
| <b>Upper explosion limit</b>                             | not determined         |             |    |           |                                   |
| <b>Vapour pressure</b>                                   | not determined         |             |    |           |                                   |
| <b>Relative density</b>                                  | 1,06 g/cm <sup>3</sup> | 20 °C       |    | DIN 51757 |                                   |
| <b>Vapour density</b>                                    | not determined         |             |    |           |                                   |
| <b>Solubility in water</b>                               |                        |             |    |           | hydrolyses                        |
| <b>Solubility/other</b>                                  | not determined         |             |    |           |                                   |
| <b>Partition coefficient n-octanol/water (log P O/W)</b> | not determined         |             |    |           |                                   |
| <b>Decomposition temperature</b>                         | not determined         |             |    |           |                                   |
| <b>Viscosity dynamic</b>                                 | 70 - 120 mPa*s         | 25 °C       |    |           |                                   |
| <b>Viscosity kinematic</b>                               | not determined         |             |    |           |                                   |

### Oxidising properties

No information available.

### Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

### 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

Alcohols

Amines

Acid

If heating up polymerisation.

Reactions with alkalies.

**10.4. Conditions to avoid**

Heat.

**10.5. Incompatible materials****Substances to avoid**

Alkali (lye)

Alcohols

Amines

Acid

If heating up polymerisation.

**10.6. Hazardous decomposition products**

No decomposition products expected under normal conditions of use.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

|                              | Value/Validation          | Species | Method | Remark |
|------------------------------|---------------------------|---------|--------|--------|
| <b>LD50 acute oral</b>       | No information available. |         |        |        |
| <b>LD50 acute dermal</b>     | No information available. |         |        |        |
| <b>LC50 acute inhalation</b> | No information available. |         |        |        |

**Experiences made from practice**

Irritates mucous membranes.

Irritates eyes and skin.

**Additional information**

The product is to be handled with the caution usual with chemicals.

**SECTION 12: Ecological information****12.1. Toxicity****Ecotoxicological effects**

|                 | Value | Species | Method | Validation                         |
|-----------------|-------|---------|--------|------------------------------------|
| <b>Fish</b>     |       |         |        | No relevant information available. |
| <b>Daphnia</b>  |       |         |        | No relevant information available. |
| <b>Algae</b>    |       |         |        | No relevant information available. |
| <b>Bacteria</b> |       |         |        | No relevant information available. |

**12.2. Persistence and degradability**

|                                       | Elimination rate                   | Method of analysis | Method | Validation |
|---------------------------------------|------------------------------------|--------------------|--------|------------|
| <b>Physico-chemical degradability</b> | No relevant information available. |                    |        |            |



|                                 | Elimination rate                   | Method of analysis | Method | Validation |
|---------------------------------|------------------------------------|--------------------|--------|------------|
| <b>Biological degradability</b> | No relevant information available. |                    |        |            |
| <b>Degradability</b>            | No relevant information available. |                    |        |            |

**12.3. Bioaccumulative potential**

No relevant information available.

**12.4. Mobility in soil**

No relevant information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No relevant information available.

**General regulation**

Do not allow uncontrolled leakage of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste code No.**

08 04 09\*

15 01 10\*

**Name of waste**

waste adhesives and sealants containing organic solvents or other hazardous substances

packaging containing residues of or contaminated by hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Dispose of according to the local waste regulations.

**SECTION 14: Transport information**

|   | ADR/RID | IMDG | IATA-DGR  |
|---|---------|------|---|
| <b>14.1. UN number</b>                  | -       | -    | 3334  |
| <b>14.2. UN proper shipping name</b>    | -       | -    | Aviation regulated liquid, n.o.s. (ethyl 2-cyanoacrylate) |
| <b>14.3. Transport hazard class(es)</b> | -       | -    | 9   |
| <b>14.4. Packing group</b>              | -       | -    | III   |
| <b>14.5. Environmental hazards</b>      | -       | -    | No  |





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**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

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**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**VOC standard**

VOC content 0 %

**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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**SECTION 16: Other information**

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

For industrial use only.

**Further information**

Each user is responsible for the implementation of the national special regulations.

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.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.3

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.