



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 05.08.2019

revision 02.08.2018 (GB) Version 8.9

Contact VA 2500 HT

! SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product

Contact VA 2500 HT

Code-Nr. 125500

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

Recommended intended purpose(s)

1-Component Cyanacrylat - Adhesives

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

Fax : +49(0)251 / 9322 - 244

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

P102 Keep out of reach of children.
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.
P302 + P352 IF ON SKIN: Wash with plenty of soap and 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 or doctor/physician if you feel unwell.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
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

Description

One-component adhesive based on cyanoacrylate acid alkyl ester.

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 | 50 - 100 | Eye Irrit. 2, H319 / STOT SE 3, H335 / Skin Irrit. 2, H315 |



REACH

| CAS No | Name | REACH registration number |
|-----------|-----------------------|---------------------------|
| 7085-85-0 | ethyl 2-cyanoacrylate | 01-2119527766-29 |

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

Dab affected skin part with a cotton ball or cellulose and wash it afterwards with plenty of water and a mild cleaner.

Do not take off solidified product from skin.

Consult a doctor if skin irritation persists.

In case of eye contact

After eye contact, rinse opened eye for 15 minutes under running water. Transfer to hospital for specialist examination.

In case of ingestion

Do not give liquid drinks.

Do not induce vomiting.

Call for a doctor immediately.

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

Physician's information / possible symptoms

Shortness of breath

vomiting

Headache

Nausea

skin irritation

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

Treatment (Advice to doctor)

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

! SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

sand

! Unsuitable extinguishing media

water spray jet

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3. Advice for firefighters**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.

Do not inhale explosion and/or combustion gases.

Additional information

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

! SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

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).

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

! 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.

Open and handle container with care!

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Protect from heat and sunlight.

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep in closed original container.

Advice on storage compatibility

Do not store with alkalies.

Do not store with oxidizing agents.

Do not store together with animal feedstuffs.



Do not store together with food.
Keep away from water.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.
Protect from heat and direct solar radiation.
Store in a dry 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 Short-term | 1.5 | 0.3 | EH40/2005 |
| 7085-85-0 | Cyanacrylsäureethylester (CH) | MAK, 8 hours | 9 | 2 | OAW & Haut |

Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls**Respiratory protection**

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

Hand protection

When using chemical substances protective gloves against chemicals must be worn with the CE-label including the four control digits.

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

PVC 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

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**

liquid

Colour

colourless

Odour

characteristic

Odour threshold



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not determined

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|--|----------------------------|-------------|----|------------|-----------------------------------|
| pH value | not determined | | | | |
| boiling point | > 200 °C | | | | |
| melting point | not determined | | | | |
| Flash point | 87 °C | | | DIN 51758 | |
| Vapourisation rate | not determined | | | | |
| Flammable (solid) | not determined | | | | |
| Flammability (gas) | not determined | | | | |
| Ignition temperature | not determined | | | | |
| Self ignition temperature | | | | | The product is not self-igniting. |
| Lower explosion limit | not determined | | | | |
| Upper explosion limit | not determined | | | | |
| Vapour pressure | 0,3 hPa | 20 °C | | | |
| Relative density | ca. 1,05 g/cm ³ | 20 °C | | | |
| Vapour density | not determined | | | | |
| Solubility in water | | | | | more or less insoluble |
| Solubility/other | not determined | | | | |
| Partition coefficient n-octanol/water (log P O/W) | not determined | | | | |
| Decomposition temperature | not determined | | | | |
| Viscosity dynamic | 2000 - 3000 mPa*s | 20 °C | | Brookfield | |
| Viscosity kinematic | not determined | | | | |
| Solvent content | 0 % | | | | |
| Oxidising properties | No information available. | | | | |
| Explosive properties | no | | | | |

**9.2. Other information**

No information available.

! SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Reactions with strong oxidising agents.

Violent reaction with water at high temperatures.

Reactions with alkalis.

Reactions with amines.

10.4. Conditions to avoid

Keep away from heat.

Moisture.

Risk of polymerisation.

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

Alkali (lye)

Amines

Water

oxidising agent

10.6. Hazardous decomposition products

Gases/vapours, toxic

Carbon monoxide and carbon dioxide.

Nitrous oxides (NO_x)**Thermal decomposition**

Remark No decomposition if used as directed.

Additional information

Polymerization under development of heat.

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

| | Value/Validation | Species | Method | Remark |
|---------------------------|------------------|------------|--------|----------------|
| LD50 acute oral | > 5000 mg/kg | rat | | CAS: 7085-85-0 |
| LD50 acute dermal | > 2000 mg/kg | rabbit | | CAS: 7085-85-0 |
| Skin irritation | irritant | rabbit | | |
| Eye irritation | irritant | rabbit eye | | |
| Skin sensitization | non-sensitizing | | | |

**Subacute Toxicity - Carcinogenicity**

| Value | Species | Method | Validation |
|------------------------------|---------|--------|---|
| Mutagenicity | | | No experimental information on genotoxicity in vitro available. |
| Reproduction-Toxicity | | | No indications of toxic effects were observed in reproduction studies in animals. |
| Carcinogenicity | | | No indications of carcinogenic effects are available from long-term trials. |

Experiences made from practice

Persons suffering from hypersensitivity showed sensitization.

Irritates mucous membranes.

Irritates eyes and skin.

! Additional information

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

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.

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

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No 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**General regulation**

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

Product is not allowed to be discharged into aquatic environment.

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Recommendations for the product**

Remove in accordance with local official regulations.

Dispose of as hazardous waste.

Recommendations for packaging

Carefully polymerize content with water or alkali.

Dispose of according to the local waste regulations.

**General information**

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

SECTION 14: Transport information

| | ADR/RID | IMDG | IATA-DGR |
|---|--|------|----------|
| 14.1. UN number | - | - | - |
| 14.2. UN proper shipping name | - | - | - |
| 14.3. Transport hazard class(es) | - | - | - |
| 14.4. Packing group | - | - | - |
| 14.5. Environmental hazards | - | - | - |
| 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 | | |
| Transport/further information | No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR. | | |

! 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.

! 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: 8.8

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.