



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	Contact VM 2000 (GB) Code-Nr. 12400
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	Xi; R36/37/38
R-phrases	36/37/38 Irritating to eyes, respiratory system and skin.
Special hazards information for humans and environment	Cyanoacrylate. Bonds skin and eye lids within seconds.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization
One component adhesive based on cyanoacrylate acid methyl ester

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
137-05-3	205-275-2	mecrilate	> 25	Xi R36/37/38

4. FIRST AID MEASURES

General information	Remove contaminated soaked clothing immediately.
In case of inhalation	Ensure of fresh air.
In case of skin contact	In case of contact with skin wash off immediately 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. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol-resistant foam
Dry powder
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.

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 alkalies.

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]	Spitzenb.	Remark
137-05-3	Methyl cyanoacrylate	8 hours Short-term	1.4	0.3		EH40/2005



Respiratory protection

If ventilation insufficient, wear respiratory protection.
Breathing apparatus in the event of high concentrations.

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

tightly fitting goggles

Skin protection

protective clothing

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.

Use barrier skin cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

liquid

Colour

colourless

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	> 200 °C				
Flash point	87 °C			DIN 51758	
Density	1,07-1,11 g/ cm ³	20 °C			
Solubility in water					immiscible
Viscosity 1 dynamic	2-2500 mPa*s	20 °C			

10. STABILITY AND REACTIVITY

Materials to avoid

Reacts heavily with water.

Reactions with oxidising agents.

Reactions with alkalies.

Reactions with amines.

Hazardous decomposition products

No hazardous decomposition products known.



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

Ecological dates are not available.
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.
Product rests: send for disposal, e.g. special waste incineration.

14. TRANSPORT INFORMATION

Transport/further information

No hazardous material as defined by the prescriptions.

15. REGULATORY INFORMATION

Remarks for classification

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

Classification

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 gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
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.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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Contact VM 2000 (GB)

46 If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

mecrilate

Special labelling for certain preparations

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

16. OTHER INFORMATION

Recommend 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-phrases specified in chapter 3 (not the classification of the formulation!)

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