

**Safety data sheet pursuant to ordinance
(EG) No. 453/2010
(EC) No. 1907/2006 (REACH)**

Print date: 02/03/2016

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Revised:20.07.2015

Cimco-Werkzeugfabrik
Carl Jul. Müller GmbH & Co. KG

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Universal instant adhesive Item No. **151200 / 142192 / 142193**
Trade name Universal instant adhesive Item No. **151200 / 142192 / 142193**
CAS No.
EC No.

1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended limitations
of the application

Use of the material/mixture 1-component cyanoacrylate adhesive

1.3 Details on the supplier who is making the safety data sheet available

Company Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG
Hohenhagener Straße 1 - 5
D-42855 Remscheid, Germany
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

1.4 Emergency number **Emergency CONTACT (24-Hour-Number)**
GBK GmbH +49 (0)6132-84463

2. POSSIBLE HAZARDS

2.1 Classification of the material

- **Classification in accordance with the directive (EC) No. 1272/2008 [CLP/GHS]**

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

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2.2 Label elements

- Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]



GHS07

Signal word:

Notice

Hazard warnings:

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

Safety information:

P102 Keep out of reach of children.
P261 Avoid breathing in dust/smoke/gas/mist/vapour/aerosol.
P264 Wash hands thoroughly after use.
P271 Only use outdoors or in well ventilated rooms.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 IN THE EVENT OF SKIN CONTACT: Wash with plenty of water/soap.
P304 + P340 IN THE EVENT OF INHALATION: Move the person into fresh air and ensure they can breath unrestrictedly.
P305 + P351 + P338 IN THE EVENT OF CONTACT WITH THE EYES: Rinse carefully with water for several minutes.
P338 Remove any contact lenses being worn if possible. Continue rinsing.
P312 In the event of feeling unwell, call the POISON CONTROL CENTRE/doctor.
P332 + P313 In the event of skin irritation: Consult a doctor/seek medical attention.
P337 + P313 In the event of sustained eye irritation: Consult a doctor/seek medical attention.
P362 Remove contaminated clothing.
P403 + P233 Keep container tightly sealed in a well ventilated place.
P405 Keep it locked away.
P501 Dispose of content/container as problem waste.

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2.3 Other dangers

If used extensively, a flammable / combustible mixture of vapour and air can be formed.

- **Results of the PBT and vPvB assessment**
- **PBT:** The materials in the mixture do not meet the PBT/vPvB criteria according to REACH, Appendix XIII.
- **vPvB:** not applicable

3. COMPOSITION / INFORMATION ON COMPONENTS

Constituents	EG No.	CAS No.	Concentrate [% by weight]
Ethyl-2-cyanoacrylate	230-391-5	7085-85-0	80 - 99.9 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit.2, H315

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

Remove dirty, saturated clothing immediately.
Move the affected person into fresh air.

After inhaling

Move the affected person into the fresh air and place in a resting position.
In the event of complaints, seek medical assistance.

After skin contact:

In the event of skin contact, immediately wash off with soap and water.
Do not pull solidified product off the skin.
Seek medical assistance.

After swallowing

Immediately consult a doctor.

After eye contact:

In the event of contact with the eyes, rinse for 15 minutes under running water. Transfer to a hospital for examination by a specialist doctor.

4.2 Important symptoms and effects which are acute or occur with a delay

Coughing, shortness of breath, difficulties breathing, skin irritation

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4.3 Indication of any immediate medical attention and special treatment needed

No information is available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents: alcohol resistant foam, extinguishing powder, carbon dioxide

Unsuitable extinguishing agents direct water jet

5.2 Particular risks associated with the material or mixture

In the event of a fire, it is possible that hazardous gases may be formed.

Nitrous oxide (NO_x)
Carbon monoxide (CO)
Carbon dioxide (CO₂)

5.3 Information on fire fighting

Special protective equipment for firefighting:

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.
Do not inhale gases from explosions and fire.

Further information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

Ensure sufficient ventilation.
Use personal protective clothing.
Use breathing protection if subject to the effects of vapours/dust/aerosol.

6.2 Environmental protection measures

Do not allow to enter the sewage system or ground water.

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6.3 Methods and material for containment and cleaning

With liquid absorbing material (e.g. sand, diatomite, acid binders, universal binders, sawdust). Dispose of according to regulations.

6.4 References to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

7. HANDLING AND STORAGE

7.1 Safety measures for safe handling

Information on safe handling	Ensure good room ventilation, extraction at the workplace where necessary. Open and handle containers with care!
General protection measures	Avoid contact with the eyes and skin. Do not inhale gases / vapours / aerosols.
Hygiene measures	Do not eat, drink or smoke while working. Wash contaminated clothing immediately. Wash hands before breaks and after finishing work.
Information on fire and explosion protection	Pay attention to the general rules for preventative operational fire protection.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Keep sealed in original packaging.
Information on storage with other products	Do not store with animal feed. Do not store with food. Keep away from water.
Further information on storage conditions	Protect against heat and direct sunlight. Keep container tightly seals and store in a cool, well-ventilated place.
Storage class	

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7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

Additional information

National and local legal provisions must be adhered to.

8.2 Limiting and monitoring exposure

Personal protective equipment

General protective and hygiene measures

The usual regulations for handling chemicals needs to be adhered to.

Do not breathe in dust/smoke/mist. Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the eyes and skin. Wash hands before a break and after finishing work.

Respiratory protection

Respiratory protection in the event of insufficient extraction or prolonged exposure.

Hand protection:

It is recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer.

The type of chemical protection gloves is to be selected according to the concentration and quantity of hazardous materials at the specific workplace.

Eye protection

Tight fitting safety glasses

Personal protection

Protective workwear

Limiting and monitoring environmental exposure

Sufficient ventilation.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	liquid
Colour	colourless
Odour	characteristic, pungent
Steam pressure	< 21 Pa
Relative density	1.043 g/cm ³ 20 °C
Boiling point	214 °C
Melting point / Freezing point	- 31 °C
Explosive properties	- na -
Self-ignition temperature	480 °C
Ignition point	82.5 °C
Flammability	- na -
Oxidizing properties	- na -
Solubility in water	reacts with water
Solubility in acetone	91.8 mg/l
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

9.2 Other information

No information is available.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No information is available.

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

Reaction with oxidizing agents.
Explosive reaction with water.
Reactions with alcohols, amines, aqueous acids and alkalis.

10.4 Conditions to be avoided

Avoid exposure to heat.
On contact with water.
Risk of polymerisation

10.5 Incompatible materials

Alkalis
Alcohols
Amines
Oxidation agents, strong
Water

10.6 Dangerous decomposition processes

Gases/vapours, poisonous
Carbon monoxide and carbon dioxide
Nitrous oxide (NO_x)

Thermal decomposition

Polymerisation accompanied by development of heat

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

	Value/Evaluation	Species	Method	Note
LD50 acute oral	> 5000 mg/kg	Rat	OECD 401	
LD50 acute dermal	> 2000 mg/kg	Rabbit	OECD 402	
Skin irritation	irritant			
Eye irritation	irritant			
Sensitisation skin	not sensitising			

Subacute toxicity carcinogenicity

	Value/Evaluation	Species	Method	Note
Chronic toxicity Mutagenicity				- There are no experimental indications of genotoxicity in vitro
Reproduction toxicity				No indication of reproduction-toxic effects have been observed in animal experiments.
Carcinogenicity				Long-term trials do not give any indication of carcinogenic effects.

Practical experience

Sensitisation has only been observed in hyper-sensitive people.
Irritates the mucous membranes.
Irritates the eyes and skin.

General comments

The product is to be handled with the care usual when handling chemicals.
Other hazardous characteristics can not be ruled out.

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12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

No information is available.

12.2 Persistence and degradability

	Degree of elimination	Analysis method	Method	Evaluation
Biological degradability			not applicable	

12.3 Bio accumulation potential

The product has not been tested. Due to the consistency as well as the low level of water solubility of the product, bioavailability is unlikely.

12.4 Mobility in the soil

not applicable

12.5 Results of PBT and vPvB assessment

PBT Not applicable

vPvB Not applicable

12.6. Other harmful effects

If used as intended, no detrimental effects on the environment are to be expected.

Do not allow uncontrolled release of the product into the environment.

The ecotoxic effect of the product has not been tested. The statement on this was derived from products with a similar structure or composition.

13. INFORMATION ON DISPOSAL

Recommendation	Disposal according to the local official regulations
Product	Dispose of in accordance with local authority regulations.
Waste key	08 04 09* Adhesive and sealing compound waste which contains organic solvents or other hazardous materials.

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Waste marked with an asterisk (*) are classed as hazardous waste according to Directive 2008/98/EC on hazardous waste.

Unclean packaging

Carefully polymerise content with water or alkali.
Disposal according to official regulations.

14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
14.1 UN number	-	-	-
14.2 Proper UN shipping name	-	-	-
14.3 Transport hazard class	-	-	-
14.4 Packaging group	-	-	-
14.5 Environmental hazards	-	-	-

14.6 Special preventive measures for the user

No information is available.

14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code

not applicable

Further information on transport

Not hazardous goods within the meaning of transport regulations.

15. STATUTORY REGULATIONS

15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture

VOC guideline

Note

Daten separat anfragen / Request data separately.

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National regulations:

Information on employment restrictions

The national laws regarding employment restrictions are to be observed.

Other regulations, limitations and prohibition ordinances

UVV "Processing adhesives"

"Data sheet: Irritant materials/Caustic materials (004)"

Water hazard class 1 VwVwS Appendix 4
Slightly water hazardous

Incident ordinance: Incident ordinance, Appendix I: not mentioned.

15.2 Chemical safety assessment

A chemical safety assessment for materials in this mixture have not been carried out.

16. OTHER INFORMATION

Recommended use and restrictions

Existing national and local laws regarding chemicals are to be observed.

Nur für den gewerblichen Gebrauch. / For industrial use only.

Further information

National special provisions need to be implemented by each user on their own responsibility!

The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.

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