

Trade name: Quick acting gel
Safety data sheet in accordance with (EG) Nr. 1907 / 2006
 Date of printing : 10.12.2010

01. Identification

Product details	
Trade name	Quick acting gel
Application of the material / of the formulation	
Identification of the manufacturer	
Address	ERKODENT Erich Kopp GmbH, Siemensstr. 3, D-72285 Pfalzgrafenweiler
Information provided by	Chemie
Telephone number	Tel.: (+49) (0) 7445 / 85 01 - 0, Fax: (+49) (0) 7445 / 20 92, e-mail: w.heuchert@erkodent.com
. Emergency telephone number :	

02. Hazards possibilities

Hazard designation	Irritant
Particular information pertaining specific risk for human / environment	Cyanoacrylate! Danger! Sticks skin and eyelids in seconds. Keep out of reach of children., Irritating to eyes, respiratory system and skin.

03. Composition/information on ingredients

Chemical characterization	Ethyl-2-cyanacrylat					
Substance / product identification						
Hazardous ingredients						
	CAS no.	EINECS no.	%	Hazard symbols	R phrases	
	Ethyl-2cyanacrylat	7065-85-0	230-391-5	>=30	Xi	36/37/38
Additional information	-					

04. First aid measures

General Information	If individual is drowsy or unconscious place in recovery position (on left side, with head down).
First aid measures / inhalation.	Ensure supply of fresh air., In the event of symptoms take medical treatment.
First aid measures / skin contact.	In case of contact with skin wash off immediately with soap and water.
First aid measures / eye contact.	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water., Summon a doctor immediately.
First aid measures / ingestion..	When swallowed seek medical aid immediately and show the physician the packaging or the lable of the packaging., Rinse out mouth and give plenty of water to drink., Do not induce vomiting.
Advice to doctor	The following symptoms may occur:: Shortness of breath

05. Fire-fighting measures

Suitable extinguishing media	dry powder carbon dioxide. water spray jet
Extinguishing media that must not be used for safety reasons	-
Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.	I case combustion evolution of dangerous gases possible.
Special protective equipment for firefighting	Do not inhale explosion and/or combustion gases., Use self-contained breathing apparatus.
Additional informations (chapter 5)	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

06. Accidental release measures

personal precautions.	Ensure adequate ventilation., Avoid contact with skin, eyes and clothing.
environmental precautions.	Do not allow to enter drains or waterways.
methods for cleaning up/taking up.	Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).
Additional informations (chapter 6).	-

07. Handling and storage

Handling	
Hints on safe handling.	Open and handle container with care., Ensure adequate ventilation., Observe the usual precautions for handling chemicals.
Hints for protection against fire and explosion.	Keep away from sources of ignition - refrain from smoking.

Storage	
Requirements for storage rooms and vessels.	
Hints on storage assembly.	Do not store with acids or alkalis.
Further information on storage conditions.	Keep container tightly closed, cool and dry., Protect from heat and direct sunlight., Protect from frost.
Storage category	-
Storage stability	Prevent drying-out
Recommended storage temperature	5,0 – 28,0 °C

08. Exposure controls/personal protection

Additional hints on technical system design.	See chapter 7; no measures exceeding the ones mentioned are necessary.
Ingredients with occupational exposure limits to be monitored	-

Personal protective equipment□Personal protective equipment□Persönliche Schutzausrüstung	
Respiratory protection	-
Hand protection	Chemical resistant gloves
Eye protection	tightly fitting safety glasses
Skin protection	light protective clothing
General protective and hygiene measures	Observe the usual precautions when handling chemicals.

09. Physical and chemical properties

Appearance.	
Form	Gel
Colour	colourless
Odour	pungent

Safety data	
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Changes in physical state

Boiling range	> 190	°C	
Flash point	87	°C	DIN 51758
Ignition temperature	n.a.	°C	
self ignition			
explosion limits	n.b.		
Upper explosion limit	n.b.		
Vapour pressure			
	n.b.		
Density			
	1,06	g/cm3	20 °C

Solubility in water

	n.b.	g/l	
Soluble in			
	Hydrolysed.	g/l	
pH-Value			
	n.b.		
Viscosity			
	20 – 40	mPas	25 °C

Other information (chapter 9.)	
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10. Stability and reactivity

Hazardous reactions	Reactions with acids, alkalies and oxidizing agents., Reacts strongly with water., Reactions with amines.,Ethanol
Hazardous decomposition products	No hazardous decomposition products known.
Thermal decomposition	-
Additional informations (chapter 10)	-

11. Toxicologic indications

Acute toxicity	
Acute oral toxicity	-
Acute dermal toxicity	-
Acute inhalational toxicity	-

Irritant/corrosive effects	
Irritant effect on skin	irritant
Irritant effect on eyes	irritant

Sensitization	Sensitisation possible through inhalation.
Effects after repeated or prolonged exposition (subacute, subchronic, cronic)	-
Other information (chapter 11.)	-
Experiences made in practice.	-
General remarks.	-

12. Environmental indications

Data on elimination (persistence and degradability) :	
Physico-chemical eliminability	-
Biodegradability	-

Behaviour in environment compartments.	-
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Ecotoxic effect	
Fish toxicity	-
Daphnia toxicity	-
Algae toxicity	-
Bacteria toxicity	-

Further ecological information	-
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Result of the evaluation of PBT characteristics	
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13. Disposal considerations

Disposal considerations	
Disposal / product	-
Disposal / contaminated packagings.	Completely emptied packagings can be given for recycling.

Waste code no. / name of waste (for Germany only)	080409 The stated Waste Code Number(s) according to the European Waste Catalogue (EAK) is (are) considered as a recommendation. A definite setting
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(establishment) should be carried out in co-ordination with the Regional Waste Disposal Authority.
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14. Transport information

Land transport ADR/RID	
Class	-
Number/letter	-
Hazard number (Kemler-number)	-
UN number	n.a.
Technical name	-
Remarks	-

Inland waterways transport ADN/ADNR	
Class	-
Number/letter	-
Category	-
Technical name	-
Remarks	-

Marine transport IMDG/GGVSee	
Class	-
UN number	n.a.
page	-
EmS	-
MFAG	-
MARINE POLUTANT	-
Correct technical name	-
Remarks	-

Air transport ICAO/IATA	
Class	-
UN number	n.a.
page	-
Correct technical name	-
Remarks	-

Other information (chapter 14.)	-
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15. Regulatory information

Labelling in accordance with GefStoffV/EC	
The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.	
	Cyanoacrylate! Danger! Sticks skin and eyelids in seconds. Keep out of reach of children.

Hazard symbols	Xi	Irritant
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Other regulations	
Restriction of occupation.	-
Decree for case of interference / remarks (for Germany only).	-
Classification according to VbF / remarks (for Germany only).	A III
TA-Luft (Ger.)	-
Water Hazard Class (Ger.)	1
Other regulations, restrictions and prohibition regulations (for Germany only)	
Securityevaluation++Stoffsicherheitsbeurteilung	

16. Other information (chapter 16.).

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(n.a. = Not applicable; n.b.= not determined)

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.