

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Superglue DD (150121-X)

Print date : 03.01.2008

Product code : 150121-X

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1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

Superglue DD (150121-X)

Use of the substance/preparation

adhesive

Company/undertaking identification

Company name : R&G Faserverbundwerkstoffe GmbH
 Composite Technology
 Street : Im Meißel 7 + 13
 Place : D-71111 Waldenbuch
 Post-office box : 1145
 D-71107 Waldenbuch
 Telephone : +49-7157-530460
 Telefax : +49-7157-530470
 e-mail : info@r-g.de
 Internet : www.r-g.de
 Inquiry office : Management
 Emergency telephone : Poison emergency call

2. Hazards identification**Classification**

Indications of danger : Irritant
 R-phrases :
 Irritating to eyes.
 Irritating to respiratory system.
 Irritating to skin.

3. Composition/information on ingredients

Chemical characterization (preparation)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
230-391-5	7085-85-0	ethyl 2-cyanoacrylate	50-<100 %	Xi R36/37/38
	9011-14-7	Polymethylmethacrylat	1-<20 %	Xi R36-37-38
204-617-8	123-31-9	1,4-dihydroxybenzene, hydroquinone, quinol	0,1-<1 %	Carc. Cat. 3, Muta. Cat. 3, Xn, Xi, N R40-68-22-41-43-50

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures**General information**

Change contaminated clothing.

After inhalation

Provide fresh air. Consult a doctor when complaints persist.

After contact with skin

After contact with skin, wash immediately with soap and plenty of water. If skin becomes irritated, seek medical treatment.

After contact with eyes

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After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid.
Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not attempt to make an unconscious person vomit. Consult physician.

Advice to doctor

Provide symptomatic treatment.

5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO₂).
Extinguishing powder.
Sand.
Water fog.

Extinguishing media which must not be used for safety reasons

High power water jet.

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Pyrolysis products, toxic. (Nitrogen oxides (NO_x). Carbon monoxide. (CO))

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Additional information

Immediately move undamaged cans out of the danger area, and if necessary cool with water. Danger of bursting! Contaminated fire-fighting water must not get into the sewerage network.

6. Accidental release measures

Personal precautions

Provide adequate ventilation. Remove from all sources of ignition. Wear respiratory protection when in the presence of vapour, dust, and aerosols. Special skid risk by leaking/spilling product.

Environmental precautions

Do not empty into drains or the aquatic environment. Prevent allover extension (e.g.knocking-down or a boom).

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Dispose of contaminated material as § 13 waste.

7. Handling and storage

Handling

Advice on safe handling

Ventilate adequately storage and work rooms.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking.

Storage

Requirements for storage rooms and vessels

Protect against the effects of heat and direct sunlight. Keep in a cool, well-ventilated place. Keep receptacles tightly sealed. Provide a solvent-resistant and sealed floor. Only use containers approved for especially this product.

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Advice on storage compatibility

Keep away from oxidising agents.

Storageclass (VCI) : 12

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (EH40)**

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	-	-		TWA (8 h)	WEL
		0.3	1.5		STEL (15 min)	WEL
123-31-9	Hydroquinone	-	0,5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls**Occupational exposure controls**

Ventilate adequately storage and work rooms.

Protective and hygiene measures

"Wash hands when done working with material; at breaks, lunch, shift changes, etc." Do not smoke, eat, or drink during work.

Respiratory protection

In the event of long or excessive effects: use a gas mask with type A filter.

Hand protectionWear protective gloves. (EN 374) > 120 min
Protect skin by using skin protective cream.**Eye protection**

Tightly sealed safety glasses. (EN 166)

Skin protection

Wear protective clothing.

9. Physical and chemical properties**General information**Physical state : liquid
Colour : colourless
Odour : pungent**Important health, safety and environmental information****Changes in the physical state**

Boiling point :	185 °C	Test method
Flash point :	85 °C	
Density :	1,07 g/cm ³	
Water solubility :	insoluble	

Other informationAuto-ignition temperature
Solid : 490**10. Stability and reactivity**

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Conditions to avoid

Oxidizing agents, strong.

Hazardous decomposition products

Gas / vapours, irritant.

11. Toxicological information

Acute toxicity

none known

Empirical data on effects on humans

none known

Further information

The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC).

12. Ecological information

13. Disposal considerations

Advice on disposal

Dispose of as hazardous waste.

Waste disposal number of used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances
Classified as hazardous waste.

Contaminated packaging

Uncontaminated packaging can be recycled. Noncleanable packaging must be disposed of like the substance.

14. Transport information

Land transport (ADR/RID)**Description of the goods**

Not a hazardous material with respect to transportation regulations.

Air transport

UN/ID number : 3334

ICAO/IATA-DGR : 9

Description of the goods

Aviation regulated liquid, n.o.s.

15. Regulatory information

Labelling

Danger symbols : Xi - Irritant

Hazardous component(s) to be indicated on label

1,4-Dihydroxybenzol

R phrases

36 Irritating to eyes.

37 Irritating to respiratory system.

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38 Irritating to skin.

S phrases

- 23 Do not breathe Dampf.
24 Avoid contact with skin.
25 Avoid contact with eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.
60 This material and its container must be disposed of as hazardous waste.

Special labelling for certain preparations

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

Additional advice on labelling

The product is classified and labelled under the EC Directives/hazardous substances laws (GefStoffV).

National regulatory information

Water contaminating class : 1 - slightly water contaminating

Additional information

UVV: Verarbeiten von Klebstoffen (VBG 81).

16. Other information

Full text of R-phrases referred to under sections 2 and 3

- 22 Harmful if swallowed.
36 Irritating to eyes.
36/37/38 Irritating to eyes, respiratory system and skin.
37 Irritating to respiratory system.
38 Irritating to skin.
40 Limited evidence of a carcinogenic effect.
41 Risk of serious damage to eyes.
43 May cause sensitization by skin contact.
50 Very toxic to aquatic organisms.
68 Possible risks of irreversible effects.

Other data

All information, recommendations, and advice on the part of R&G Faserverbundwerkstoffe GmbH are published to the best of our knowledge and belief. They are noncommittal and contain neither explicit nor tacit assurance or warranty of particular properties. The values specified for properties are typical figures. Recommendations or advice serve to describe our products and possible applications in a general or exemplary, but not specifically individual manner. In the course of the constant technical advancement and improvement of our products there may be changes to the characteristic values, copy, and diagrams; no specific reference is made to any such change. Owing to our products' wide and highly diverse range of potential applications far beyond any of our attempts to analyse, the customer alone is responsible for examining our products' suitability for the respective processes and purposes and their respective processibility. All and any protective rights and the applicable laws, terms, and conditions must be observed by the buyer or user of our products at their own responsibility. Publication is not a licence and does not intend the violation of any patents.