

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**Cyanocrylate XT**

Print date: 19.07.2010

Product code: 150135-2010

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

Cyanocrylate XT

**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

Responsible Department: Management

Emergency telephone: poison information centre

**2. Hazards identification****Classification**

Indications of danger : Irritant

R-phrases:  
Irritating to eyes, respiratory system and skin.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )****Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
230-391-5	7085-85-0	ethyl 2-cyanoacrylate	80 - < 100 %	Xi R36/37/38

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.

**After contact with skin**

After contact with skin, wash immediately with soap and plenty of water.

**After contact with eyes**

If the product comes into contact with the eyes, immediately rinse the open eyes with copious amounts of water for at least ten minutes. Afterwards consult an eye specialist.

**After ingestion**

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

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**Advice to doctor**

Provide symptomatic treatment.

### 5. Fire-fighting measures

**Suitable extinguishing media**Carbon dioxide (CO<sub>2</sub>). Water fog. Sand. Extinguishing powder.**Extinguishing media which must not be used for safety reasons**

High power water jet.

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

Danger of formation of toxic pyrolysis products.

**Special protective equipment for fire-fighters**

In case of fire and/or explosion do not breathe fumes. Wear breathing apparatus without recirculating air and suitable protective clothing.

**Additional information**

Contaminated fire-fighting water must be collected separately. Contaminated fire-fighting water must not get into the sewerage network.

### 6. Accidental release measures

**Personal precautions**

Provide adequate ventilation. Keep away from ignition sources. Wear respiratory protection when in the presence of vapour, dust, and aerosols.

**Environmental precautions**

Prevent allover extension (e.g. knocking-down or a boom). Do not discharge into drains, surface or groundwater.

**Methods for cleaning up/taking up**

Treat the assimilated material according to the section on waste disposal.

### 7. Handling and storage

**Handling****Advice on safe handling**

Use only in well-ventilated areas. Avoid spilling or spraying in enclosed areas.

**Advice on protection against fire and explosion**

Keep away from sources of ignition. No smoking. When processing can easily volatile, flammable constituents are released.

**Storage****Requirements for storage rooms and vessels**

Only use containers approved for especially this product. Solvent-resistant and impermeable floor.

**Advice on storage compatibility**

Do not store together with: Oxidizing agents.

**Further information on storage conditions**

Protect from heat / overheating. Keep in a cool, well-ventilated place. Keep container tightly closed. Recommended temperature for storage: 2 - 8 °C

### 8. Exposure controls/personal protection

**Exposure limit values**

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#### Exposure limits (EH40)

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	-	-		TWA (8 h)	WEL
		0.3	1.5		STEL (15 min)	WEL

#### Additional advice on limit values

Ensure adequate ventilation in the workplace.

#### Exposure controls

##### Protective and hygiene measures

Do not breathe in gases/vapours/aerosols. Avoid contact with eyes and skin. The personal protective equipment should be selected specifically for the vin in concentration and quantity of the fish. The chemical resistance of the protective clothing should be ascertained with the respective suppliers. When using do not eat, drink, smoke or take drugs. after work and before breaks for thorough skin cleansing. Protect skin by using skin protective cream.

##### Respiratory protection

Respiratory equipment for high concentrations. short-term filter equipment Filter A

##### Hand protection

The figures are recommendations. For further information please contact the glove supplier. in permanent contact: Butyl rubber. > 480 min (EN 374)NBR (Nitrile rubber). > 480 min (EN 374)

##### Eye protection

Wear goggles.

##### Skin protection

Light protective clothing

## 9. Physical and chemical properties

#### General information

Physical state: liquid  
 Colour: colourless  
 Odour: pungent

#### Important health, safety and environmental information

Test method

##### Changes in the physical state

Boiling point: 150 °C  
 Flash point: 85 °C  
 Vapour pressure: 0,293 mmHG hPa  
 Density: 1,04 g/cm<sup>3</sup>  
 Water solubility: insoluble

#### Other information

Auto-ignition temperature

Solid: 490

## 10. Stability and reactivity

#### Hazardous decomposition products

Irritant gases / vapors

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### Additional information

in some cases very violent reactions with: reaction with strong oxidising agents Water. Alkalis (alkalis).

## 11. Toxicological information

### Additional information on tests

Toxicological data are not available. The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC).

## 12. Ecological information

### Further information

There are no ecotoxicological assessments available at present. Do not allow uncontrolled leakage of product into the environment. Do not allow into drains.

## 13. Disposal considerations

### Waste disposal number of waste from residues/unused products

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.

### 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.

### Waste disposal number of contaminated packaging

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.

## 14. Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

Not restricted

### Marine transport

#### Other applicable information (marine transport)

Not restricted

### Air transport

UN/ID number: 3334  
ICAO/IATA-DGR: 9  
Hazard label: 9



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Limited quantity Passenger:	-
IATA-packing instructions - Passenger:	906
IATA-max. quantity - Passenger:	100 L
IATA-packing instructions - Cargo:	906
IATA-max. quantity - Cargo:	220 L

#### Description of the goods

AVIATION REGULATED LIQUID, N.O.S.

#### Other applicable information (air transport)

E0

:-

Special provisions: A27 - A48

## 15. Regulatory information

### Labelling

Danger symbols: Xi - Irritant



Xi - Irritant

### R phrases

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

### S phrases

02 Keep out of the reach of children.  
 23 Do not breathe Do not breath vapour. .  
 46 If swallowed, seek medical advice immediately and show this container or label.  
 51 Use only in well-ventilated areas.  
 24/25 Avoid contact with skin and eyes.

### EU regulatory information

#### Additional information

1967/548 (2008/58, 30 ATP 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/006;  
 1272/2008; 75/324/EWG (2008/47/EG)

### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

## 16. Other information

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

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

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*