

**Artikelnummer** : 152261-62/75  
**Handelsname** : Cyano Veneer Fast / Cyano Veneer Retarder  
**Druckdatum** : 03.09.13

**Überarbeitet am** : 26.08.13

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## 1. Identification of the substance/ Mixture and of the company / undertaking

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### 1.1 Product identifier

**Trade name**            **Cyano Veneer Fast / Cyano Veneer Retarder**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

Adhesives

### 1.3 Details of the supplier of the safety data sheet

**Address**

Häger & Werken GmbH & Co. KG  
Ackerstr. 1 D-47269 Duisburg  
Postfach 10 06 54  
D-47006 Duisburg  
Telefon: +49 (0)203 99 26 9 – 0  
[info@hagerwerken.de](mailto:info@hagerwerken.de)  
[www.hagerwerken.de](http://www.hagerwerken.de)

### Information provided by / telephone

Tel.: +49-(0)203-99269-0

### Advice on Safety Data Sheet

[info@hagerwerken.de](mailto:info@hagerwerken.de)

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

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## 2. hazards identification

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### 2.1 Classification of the substance or mixture

**Classification in accordance with Directive 67/548/EEC or 1999/45/EC**

Xi; R36/37/38

### 2.2 Label elements

**Labelling according to Directive 1999/45/EC**

**Hazard symbols**



Irritant

### R phrases

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

### S phrases

23                    Do not breathe vapour.

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.

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51 Use only in well-ventilated areas.

### Supplemental label elements

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

### 2.3

No data available.

### Other hazards

## 3. Composition/ information of ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Chemical characterization

Adhesive basing on cyanoacrylates.

#### Hazardous ingredients

No	Substance name	Classification 67/548/EEC	Additional information	%-b.w.
CAS / EC / Index / REACH no			Concentration	
1	ethyl-2-cyanoacrylate			
7085-85-0		Xi; R36/37/38	> 10,00	%-b.w.
230-391-5				
607-236-00-9				
-				

Full Text for all R-phrases: pls. see section 16

No	Note	Specific concentration limits
1	-	R36/37/38: C >= 10%

## 4. First Aid Measures

### 4.1

#### Description of first aid measures

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off immediately with soap and water.

#### After eye contact

In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

#### After ingestion

Summon a doctor immediately.

### 4.2

#### Most important symptoms and effects, both acute and delayed

#### Symptoms

Shortness of breath

### 4.3

#### Indication of any immediate medical attention and special treatment needed

In case of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

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## 5. Fire Fighting Measures

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### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam; extinguishing powder; Alcohol-resistant foam; Carbon dioxide; Water spray jet

#### Unsuitable extinguishing media

No data available.

### 5.2 Special hazards arising from the substance or mixture

Combustion products of this material have to be classed invariably as respiratory poison. In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

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## 6. Accidental Release Measure

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### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not allow to enter drains or waterways.

### 6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

### 6.4 Reference to other sections

No data available.

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## 7. Handling and Storage

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### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). Open and handle container with care.

#### General protective and hygiene measures

Avoid contact with eyes and skin. At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work. Use barrier skin cream.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

#### Advice on storage assembly

Do not store with alkalies.

### 7.3 Specific end use(s)

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No data available.

## 8.) Exposure Contols /Personal Protection

### 8.1 Control parameters

#### Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	ethyl-2-cyanoacrylate	7085-85-0	230-391-5
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Ethyl cyanoacrylate			
	STEL	1,5 mg/m <sup>3</sup>	0,3 ml/m <sup>3</sup>

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus. Short term: filter apparatus, Filter B

##### Eye / face protection

Safety glasses (EN 166)

##### Hand protection

In case of intensive contact, wear protective gloves (EN 374). Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product . Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Synthetic rubber

Appropriate Material

##### Other

Light protective clothing

#### Environmental exposure controls

No data available.

## 9.) Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

#### Form/Colour

liquid

Various, depending on coloration

#### Odour

characteristic

Odour threshold

No data available

pH value

No data available

Boiling point / boiling range

Value > 200 °C

#### Melting point / melting range

No data available

#### Decomposition point / decomposition range

No data available

#### Flash point

Value 87 °C

Method DIN 51758

#### Auto-ignition temperature

No data available

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**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

Value 1,05 - 1,09 g/cm<sup>3</sup>  
Reference temperature 20 °C

**Solubility in water**

Remarks essentially insoluble

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

Value 2 – 20000 mPa\*s  
Reference temperature 25 °C  
Type dynamic  
Remarks thixotropic

## 10. Stability and Reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

Polymerization under development of heat.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

Reactions with oxidising agents. Reactions with water. Reactions with alkalies. Reactions with amines.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

Species rabbit  
Evaluation irritant

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**Serious eye damage/irritation**

Species rabbit  
Evaluation irritant  
30

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Sensitisation possible through inhalation. Irritates the mucous membrane.

**12. Ecological Information**

**12.1 Toxicity**

**Fish toxicity**

No data available

**Daphnia toxicity**

No data available

**Algae toxicity**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information**

**Other information**

Do not discharge product unmonitored into the environment.

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### 13. Disposal Considerations

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#### 13.1 Waste treatment methods

##### Product

Remove in accordance with local official regulations. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

##### Packaging

Packaging that cannot be cleaned should be disposed off as product waste.

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### 14. Transport Information

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#### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

#### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

#### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

#### 14.4 Other information

No data available.

#### 14.6 Special precautions for user

No data available.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

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### 15. Regulatory Information

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#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulations

##### Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

#### 15.2 Chemical safety assessment

No data available.

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### 16. Other Information

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#### Further information

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

#### Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.