

Tradename:

Cyano Veneer FastStatus: 15.02.2023
Page: 1 von 10**SECTION 1: Identification of the substance/preparation and of the company/undertaking****1.1. Product identifier**Name of product: **Cyano Veneer Fast**

UFI:

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Adhesive

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet**Manufacturer / distributor**

SCHEU-DENTAL GmbH

Am Burgberg 20

D-58642 Iserlohn

Tel. +49 (2374) 9288-0

Fax +49 (2374) 9288-90

eMail: service@SCHEU-DENTAL.comInternet: www.SCHEU-DENTAL.com**1.4. Emergency telephone number:** +49 (2374) 9288-0**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

STOT SE 3, H335 May cause respiratory irritation.

Eye Irrit. 2, H319 Causes serious eye irritation.

Skin Irrit. 2, H315 Causes skin irritation.

2.2. Label elements

The product is required to be labelled in accordance with regulation (EC) No. 1272/2008 (CLP).

Signal word: Warning

Pictograms: GHS07

**Contains:**

Ethyl-2-cyanoacrylate

Hazard statements

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

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P312	Call a POISON CENTER/doctor if you feel unwell.
P501	Dispose of contents/container acc. to official regulations.

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Special labelling of particular preparations:

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3. Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.

Contains no ingredients with endocrine-disrupting properties.

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

The product is a mixture.

Composition/information on ingredients

Substance:	CAS-No.:	REACH-No.:	Concentration:	Classification: EC 1272/2008 (CLP)
Ethyl-2-cyanoacrylate	7085-85-0		50 - < 100 %	STOT SE 3: H335 Eye Irrit. 2: H319 Skin Irrit. 2: H315 SCL [%]: >=10: STOT SE 3: H335
2-Propenoic acid, 2-methyl-, methyl ester, polymer with methyl 2-propenoate	9011-87-4		10 - < 20 %	Eye Irrit. 2: H319 Skin Irrit. 2: H315 STOT SE 3: H335
1,4-Dihydroxybenzene	123-31-9		0,025 - < 0,1 %	Carc. 2: H351 Muta. 2: H341 Acute Tox. 4: H302 Eye Dam. 1: H318 Skin Sens. 1: H317 Aquatic Acute 1: H400 M-Factor (acute): 10

Full text of H- and EUH-phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information:	Remove contaminated soaked clothing immediately and dispose of safely.
In case of inhalation:	Ensure supply of fresh air. In the event of symptoms seek medical treatment
Following skin contact:	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
After eyes contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
After ingestion:	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2. Most important symptoms and effects, both acute and delayed

Irritant effects

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Water spray jet. Dry powder. Foam.

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Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products. Nitrogen oxides (Nox), carbon monoxide (CO)

5.3. Advice for firefighters

Use self-contained breathing apparatus.
Do not inhale explosion and/or combustion gases.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance within the regulations.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Use only in well-ventilated areas.

Keep away from all sources of ignition – Retrain from smoking.

Remove soiled or soaked clothing immediately.
Clean skin thoroughly after work, apply skin cream.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in original tightly closed container.

Do not store together with oxidizing agents.

Keep container tightly closed.
Keep container in a well-ventilated place.
Keep in a cool place. Store in a dry place.
Protect from heat/overheating and from sun.

7.3. Specific end use(s)

See product use, Section 1.2

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

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Ingredients with occupational exposure limits to be monitored (GB)

Substance
Ethyl-2-cyanoacrylate
CAS: 7085-85-0
Short-term exposure (15-minute): 0,3 ppm, 1,5 mg/m ³
1,4-Dihydroxybenzene
CAS: 123-31-9
Long-term exposure: 0,5 mg/m ³

DNEL/PNEC values

DNEL value

Substance:	CAS-No.:	DNEL/DMEL
Ethyl-2-cyanoacrylate	7085-85-0	Industrial, inhalative, Long-term – local effects, 9,25 mg/m ³ Industrial, inhalative, Acute – systemic effects, 9,25 mg/m ³ Industrial, inhalative, Long-term – systemic effects, 9,25 mg/m ³ general population, inhalative, Acute – systemic effects, 9,25 mg/m ³ general population, inhalative, Long-term – systemic effects, 9,25 mg/m ³

PNEC-Wert

Substance:	CAS-No.:	PNEC
Ethyl-2-cyanoacrylate	7085-85-0	There are no PNEC values established for the substance.

8.2. Exposure controls

Additional advice on system design

Ensure adequate ventilation on workstation.

Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

Eye/face protection

Safety glasses. (EN 166:2001)

Hand protection

0,45 mm Nitrile rubber, >480 min (EN 374-1/-2/-3).

The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection

Light protective clothing.

Other

Avoid contact with eyes and skin.

Do not inhale vapours.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection

In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.

Short term: filter apparatus, filter A. (DIN EN 14287)

Thermal hazards

No information available

Delimitation and monitoring of the environmental exposition

Not determined

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state:	Liquid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined

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Safety relevant basis data

	Parameter	Value	Unit	Remark
Melting point/freezing point:				Not determined
Auto-ignition temperature				Not applicable
Flammability (solid, gas) :				Not determined
Lower flammability or explosive limits:				Not applicable
Upper flammability or explosive limits:				Not applicable
Oxidising properties				No
Decomposition temperature:				Not determined
pH:				Not applicable
pH-waue [1 %]				Not applicable
Boiling point		60	°C	
Flash point		87	°C	
Kinematic viscosity:				Not determined
Relative vapour density				Not applicable
Water solubility (g/l):				Reacts with water
Solubility other solvents				No information available
Partition coefficient [n-octanol/water]				Not determined
Vapour pressure/gas pressure:		0,03	kPa	
Density:		1,05	g/cm ³	
Relative density:				Not determined
Bulk density				Not applicable
Evaporation speed				Not applicable
Particle characteristics:				No information available

9.2. Other information

None.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No dangerous reactions known if used as directed.

10.2. Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3. Possibility of hazardous reactions

Reactions with strong oxidizing agents.

Polymerisation with evolution of heat.

Reactions with alcohols, amines, aqueous acids and alkalies.

10.4. Conditions to avoid

Strong heating.

10.5. Incompatible materials

See section 10.3

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological Information**11.1. Information on toxicological effects**

There are no data available on the preparation/mixture itself.

Acute oral toxicity: not determined

Substance:	CAS-No.:	Toxicological information
1,4-Dihydroxybenzene	123-31-9	LD50 oral (rat) 375 mg/kg
Ethyl-2-cyanoacrylate	7085-85-0	LD50, oral, rat, > 5000 mg/kg (OECD 401)

Acute dermal toxicity: not determined

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Substance:	CAS-No.:	Toxicological information
1,4-Dihydroxybenzene	123-31-9	LD50, dermal, Rabbit, 2000 mg/kg
Ethyl-2-cyanoacrylate	7085-85-0	LD50, dermal, Rabbit, > 2000 mg/kg (OECD 402)

Acute inhalational toxicity

Not determined

Serious eye damage/irritation:

Irritant

Skin corrosion/irritation:

Irritant

Respiratory of skin sensitisation:

Based on available data, the classification criteria are not met.

STOT-single exposure:

May cause respiratory irritation.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity:

Does not contain a relevant substance that meets the classification criteria.

Germ cell mutagenicity:

Does not contain a relevant substance that meets the classification criteria.

Reproductive toxicity:

Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard:

Based on available data, the classification criteria are not met.

General remarks:

Toxicological data of complete product are not available

SECTION 12: Ecological Information**12.1. Toxicity**

Substance:	CAS-No.:	Ecotoxicity
1,4-Dihydroxybenzene	123-31-9	LC50 (fish, 96h) 638 µg/l EC50 (algae, 72 h) 33 - 330 µg/l EC50 (invertebrates, 48 h) 61 – 134 µg/l

12.2. Persistence and degradability**Behaviour in environment compartments**

Not determined

Behaviour in sewage plant

Not determined

Biological degradability

Not determined

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

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12.5. Results of PBT an vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6. Endocrine disruptive effect

Contains no ingredients with endocrine-disrupting properties.

12.7. Other adverse effects

Ecological data of complete product are not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste material must be disposed of in accordance with national regulations.

Product:

Dispose of as hazardous waste.

Disposal in an incineration plant in accordance with the regulations of the local authorities.

Contaminated packaging:

Packaging that cannot be cleaned should be disposed of as for product.

SECTION 14: Transport Information

Land transport (ADR/RID)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packing group:	
Hazard label:	
Classification code:	
Special Provisions:	
Limited quantity:	
Transport category:	
Hazard No:	
Tunnel restriction code:	
Other applicable information (land transport)	

Inland waterways transport (ADN)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packing group:	
Hazard label:	
Classification code:	
Spezial Provisions:	
Limited quantity:	
Other applicable information (inland waterways transport)	

Marine transport (IMDG)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packaging group:	
Hazard label:	
Special Provisions:.	
Limited quantity:	
EmS:	
Other applicable information (marine transport):	

Air transport (ICAO)

14.1. UN number:	
14.2. UN proper shipping name:	

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14.3. Transport hazard class(es):	No hazardous material according to transport regulations.
14.4. Packaging group:	
Hazard label:	
Special Provisions:	
Limited quantity Passenger:	
IATA-packing instructions - Passenger:	
IATA-max. quantity - Passenger:	
IATA-packing instructions - Cargo:	
IATA-max. quantity - Cargo:	
Other applicable information (air transport)	
Passenger-LQ:	

14.5. Environmental hazards

ADR/RID / IMDG / ICAO-TI / IATA-DGR: no

Marine pollutant: no

14.6. Special precautions for user

Relevant information under Section 6 to 8.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory Information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****TRANSPORT-REGULATIONS**

ADR (2021); IMDG-Code (2021,40. Amdt.); IATA-DGR (221)

NATIONAL REGULATIONS (GB)

EH40/2005 Workplace exposure limits (Second edition, published December 2011).

Observe employment restrictions for people

Observe employment restrictions for young people.

- VOC (2010/75/CE) 0 %

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other Information**16.1 Abbreviations and acronyms:**

AC:	Artikelkategorie (Article Category)
ACGIH:	Rat für Arbeitsschutz und Gefahrstoffe, Amerika (American Conference of Government Industrial Hygienists)
ADN:	Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf Binnengewässern (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
ADR:	Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße (Accord européen relatif transport des marchandises dangereuses par route)
AGW:	Arbeitsplatzgrenzwert
AOX:	Adsorbierbare organisch gebundene Halogene (Adsorbable Organic halogen compounds)
Bw:	Körpergewicht (Body weight)
CMR:	Stoffe klassifiziert als Krebs erzeugend, Mutagen oder Reproduktionstoxisch (Carcinogenic, Mutagenic, toxic for Reproduction)
CSR:	Stoffsicherheitsbericht (Chemical Safety Report)
DIN:	Deutsches Institut für Normung / Deutsche Industrienorm
DNEL:	Grenzwert, unterhalb dessen der Stoff keine Wirkung ausübt (Derived No Effect Level)
DPD:	Zubereitungsrichtlinie / Richtlinie 1999-45-EC (Dangerous Preparations Directive)
DSD:	Stoffrichtlinie / Richtlinie 67-548-EC (Dangerous Substances Directive)
DU:	Nachgeschalteter Anwender (Downstream User)
EC50:	Wirksame Konzentration 50% (Effective Concentration 50%)
ECHA:	Europäische Chemikalienagentur
EN:	Europäische Norm
EWC/EWL:	Europäischer Abfallartenkatalog (European Waste Catalogue)
IATA:	Verband für den internationalen Lufttransport (International Air Transport Association)
IBC:	Großpackmittel (Intermediate Bulk Container)

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ICAO:	Internationale Zivilluftfahrt-Organisation (International Civil Aviation Organization)
IMDG Code:	Gefahrgutvorschriften für den internationalen Seetransport (International Maritime Dangerous Goods Code)
IMO:	Internationale Seeschiffahrts-Organisation (International Maritime Organization)
ISO:	Internationale Normungsorganisation (International Standards Organisation)
LC50:	Lethale (Tödliche) Konzentration 50%
LD50:	Lethale (Tödliche) Dosis 50%
LEV:	Lokale Absaugung (Local exhaust ventilation)
MAK:	Maximale Arbeitsplatzkonzentration – DFG
n.a.:	nicht anwendbar
n.b.:	nicht bestimmt
OEL:	Arbeitsplatzgrenzwert (Occupational Exposure Limit)
PBT:	persistent, bioakkumulierbar, giftig (persistent, bioaccumulative, toxic)
PNEC:	Abgeschätzte Nicht-Effekt-Konzentration (Predicted No Effect Concentration)
PPE/PSA:	Persönliche Schutzausrüstung (Personal Protective Equipment)
REACH:	Registrierung, Bewertung und Zulassung von Chemikalien (Registration, Evaluation and Authorization of Chemicals)
RID:	Gefahrgutvorschriften für den Transport mit der Eisenbahn (Règlement International concernant le transport de marchandises dangereuses par chemin de fer)
STEL:	Grenzwert für Kurzzeitexposition (Short-term Exposure Limit)
SVHC:	Stoff sehr hoher Besorgnis (Substance of Very High Concern)
TLV:	Arbeitsplatzgrenzwert (Threshold Limit Value)
VOC:	Flüchtige organische Kohlenwasserstoffe (Volatile Organic Compounds)
vPvB:	sehr persistent, sehr bioakkumulierbar (very persistent, very bioaccumulative)

16.2 Other Information

Relevant H- and EUH-phrases (number and full text)

Hazard statements

H335 May cause respiratory irritation. (Calculation method)
H319 Causes serious eye irritation. (Calculation method)
H315 Causes skin irritation. (Calculation method)

Training advice

none

Recommended restrictions of use:

Refer to chapter 1

Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.