

Material Safety Data Sheet according to (EC) 453/2010



Tradename:

SD-CYANO VENEER FAST

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SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Name of product: **SD-CYANO VENEER FAST**

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

Use of the substance/mixture

Adhesives

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.com
Internet: 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]

Skin Irrit. 2 H315; Eye Irrit. 2, H319; STOT SE 3 H335

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

The product is classified and labelled according to the CLP regulation.

Signal word: Warning

Hazard Pictograms: GHS07



Hazard-determining components of labelling:

ethyl 2-cyanoacrylate

Hazard statements

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

Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection
P260	Do not breathe vapours.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice /attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P411	Store at temperatures not exceeding 25 °C.

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P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P402	Store in a dry place.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

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

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition / information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Mixture of substances listed below with nonhazardous additions.

Hazardous components

EC-No..	Chemical name	Quantity
CAS-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Index-No.		
REACH-No.		
230-391-5-1	ethyl 2-cyanoacrylate	50 – 100 %
7085-85-0	 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
204-617-8	1,4-Dihydroxybenzol	< 0,1 %
123-31-9	 Muta. 2, H341; carc. 2, H351;  Eye Dam. 1, H318;  Aquatic Acute 1, H400;  Acute Tox. 4, H302; Skin Sens. 1, H317	

Additional information

For the wording of the listed H-phrases refer to section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information:	Immediately remove any clothing soiled by the product.
After inhalation:	In case of unconsciousness place patient stably in side position for transportation.
After contact with skin:	Wash immediately with water and soap and rinse thoroughly.
After contact with eyes:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After ingestion:	call a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Fire-extinguishing powder. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media

Water with full jet.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not required.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

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

Advice on safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements for storage rooms and vessels

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information on storage conditions

Keep container tightly sealed.

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Storage class:

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls / personal protection

Additional information about design of technical facilities.

No further data ; see item 7.

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:	
7085-85-0 ethyl 2-cyanoacrylate	
WEL	Short-term value: 1,5 mg/m ³ , 0,3 ppm

Additional information:

The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment:

Protective and hygiene measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

Limitation and supervision of exposure into the environment

No special precautions are necessary if used correctly.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information

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

pH-value:	Not determined
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
Flash point:	86 °C
Flammability (solid, gas):	Not applicable
Ignition temperature:	
Decomposition temperature:	Not determined
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Lower explosion limit:	Not determined
Upper explosion limit:	Not determined
Vapour pressure:	Not determined
Density:	Not determined
Relative density:	Not determined
Vapour density	Not determined
Evaporation rate:	Not determined
Water solubility:	Not mixcible or difficult to mix.
Partition coefficient: n-octanol/water	Not determined
Viscosity Dynamic:	Not determined
Viscosity Kinematic:	Not determined
Solvent content:	
Organic solvents:	0.0 %

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

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SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

CAS-No.	Chemical name	Exposure routes	Method	Dose	Species	Source
7085-85-0	ethyl 2-cyanoacrylate	oral	LD50	>5000 mg/kg	rat	OECD 401
		dermal	LD50	>2000 mg/kg	rabbit	OECD 402

Additional information: The lists valid during the making were used as basis.

Primary irritant effect:

Serious eye damage / irritation

On the skin: Irritant to skin and mucous membranes.

On the eye: Irritating effect.

Respiratory or skin sensitization

No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Not applicable.

SECTION 12: Ecological Information

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Not known to be hazardous to water.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6. Other adverse effects

No further relevant information available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

07 01 04* other organic solvents, washing liquids and mother liquors

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

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:	
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:	
Limited quantity:	
Other applicable information	

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:	
Limited quantity:	
EmS:	
Other applicable information (marine transport):	

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Air transport (ICAO)

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:	
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

No

14.6. Special precautions for user

Not applicable.

Section 15. Regulatory Information

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

No further relevant information available.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other Information

Abbreviations and acronyms

ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
LC50	Lethal concentration, 50 %
LD50	Lethal dose, 50 %
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2

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

Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.

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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.