

TECPO 2K

Powerkleber High Performance Cyanacrylat- Klebstoff Komp. A_EN



Version number: 1.0
Issued: 2026-03-12

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

1.1. Product identifier

Trade name

TECPO 2K Powerkleber High Performance Cyanacrylat-Klebstoff Komp. A_EN

Article No.

300455

UFI code

AE3U-CUC2-T004-9SQN

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

Relevant identified uses

Cyanoacrylate-based adhesive

Not suitable for use in

None known.

1.3. Details of the supplier of the safety data sheet

SDS created by

Gefahrgutberatung Florian Herber, Erbigsweg 12, 36137 Großenlüder

Telefon: 0163 / 8408334

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www.gefahrgut-herber.de

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Supplier

TECPO GmbH

Address

Dreherstraße 16-20

42899 Remscheid
Germany

Telephone

+49 2191 951 3305

Email

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Fax

+49 2191 951 33044

Web site

www.tecpo.de

Contact person

Baris Ünsal

1.4. Emergency telephone number

Poison center/Additional emergency number

+49 (0) 89 19240 (Available 24/7) - Poison Emergency Call Munich (Available for the public.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Skin irritation, hazard category 2

Eye irritation, hazard category 2

Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

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Hazard statements

H315, H319, H335

Description

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

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Supplemental hazard statements

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

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing steam.

P264 Wash Face, hands, and exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container to dispose of in accordance with local / regional / national / international regulations..

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More information

This product is part of a multi-component system. Please also refer to the safety data sheet for the other component(s).

Hazard-determining components of labeling:
Ethyl 2-cyanoacrylate

2.3. Other hazards

Polymerizes with the release of heat. Sticks to skin. Bonds skin and eyes within seconds. Harmful to aquatic life.

Other

This product does not contain any PBT or vPvB substances.

The product does not contain any substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Specific concentration limits ATE	Note
ethyl 2-cyanoacrylate	7085-85-0 230-391-5 01-2119527766-29 607-236-00-9	80 - <100%	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3	H315, H319, H335 - -	STOT SE 3, H335: C ≥ 10%	-
Hydroquinone	123-31-9 204-617-8 01-2119524016-51 604-005-00-4	0,05 - <0,1%	Acute Tox. 4 - oral, Skin Sens. 1, Eye Dam. 1, Muta. 2, Carc. 2, Aquatic Acute 1, Aquatic Chronic 1	H302, H317, H318, H341, H351, H400, H410 M-acut=10 M-chro=1		-

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Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

This product does not contain substances of very high concern (SVHC) on the candidate list in a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

This safety data sheet must be shown to the attending physician. In case of persistent irritation, or if adhesion to the eyes and/or skin cannot be removed: seek medical assistance.

Inhalation

Move the exposed person to fresh air at once. If symptoms occur or in case of doubt, seek medical advice.

Skin contact

Polymerizes with the release of heat. Bonded areas can be carefully separated with a blunt object, such as a spoon. If eyelids are tightly bonded together, or skin is bonded to skin or clothing, bonding has occurred. Loosen the bond by covering the area with a pad moistened with warm water. Do not forcefully spread stuck eyes or skin. Wash immediately with soap and plenty of water for at least 15 minutes. Soften the stuck area with acetone or warm water and slowly try to move the stuck areas without pulling the skin away from the stuck area. Do not remove clothing if it is stuck to the skin.

Eye contact

If eyelids are stuck together, or skin is stuck to skin or clothing, adhesion has occurred. Remove the adhesion by covering the area with a pad moistened with warm water. Do not forcefully spread stuck eyes or skin. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, or if the sticking of the eyes and/or skin cannot be removed: seek medical attention. Do not rub the affected area. If irritation develops or persists, consult a doctor.

Ingestion

Ensure that the airways are not blocked. The product polymerizes immediately in the mouth, making it impossible to swallow. Saliva slowly dissolves the solidified product from the mouth (several hours). Do NOT induce vomiting. Rinse mouth. Never give water to an unconscious person. Call a doctor.

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

May cause redness and watery eyes. Burning sensation.

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

There is no information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use firefighting measures that are adapted to the local conditions and environment.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Sticks to skin and eyes within seconds.

Hazardous decomposition products: nitrogen oxides (NO_x).

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and full operational clothing. Wear personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes and clothing. Bring people to safety.

Emergency services: Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

If it is safe to do so, prevent further leakage or spillage.

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6.3. Methods and material for containment and cleaning up

Do not use cloths to wipe up. Flood with water to complete polymerization and then scrape off the floor.

Pick up mechanically and dispose of in suitable containers.

Dispose of the collected material in accordance with the regulations (Section 13).

Thoroughly clean soiled objects and surfaces in compliance with environmental regulations.

6.4. Reference to other sections

See SECTIONS 7+8+13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

This product is part of a multi-component system. Please also refer to the safety data sheet for the other component(s). Handle with good industrial hygiene and safety technology. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use suitable personal protective equipment (see SECTION 8). Avoid inhalation of vapours and spray mists. In case of inadequate ventilation wear respiratory protection.

General hygiene

Wear suitable protective clothing when working. Wash hands before breaks and at the end of work. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Keep containers tightly closed. Store in a cool and well-ventilated place.

Recommended storage temperature: 2 - 8 °C Do not freeze.

7.3. Specific end use(s)

Cyanoacrylate-based adhesive

Other

Observe the technical data sheet.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
Methacrylsäuremethylester / methyl methacrylate	80-62-6 -	50 / 210 /	TRGS 900	2, I, Y	-

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Hydroquinone (123-31-9/204-617-8)	DNEL	Chronic (long term) Inhalation	2,1 mg/m ³	Workers	Systemic
Hydroquinone (123-31-9/204-617-8)	DNEL	Chronic (long term) Dermal	3,33 mg/kg bw/day	Workers	Systemic
Hydroquinone (123-31-9/204-617-8)	DNEL	Chronic (long term) Inhalation	1,05 mg/m ³	Consumers	Systemic
Hydroquinone (123-31-9/204-617-8)	DNEL	Chronic (long term) Dermal	1,66 mg/kg bw/day	Consumers	Systemic
Hydroquinone (123-31-9/204-617-8)	DNEL	Chronic (long term) Oral	0,6 mg/kg bw/day	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Hydroquinone (123-31-9/204-617-8)	PNEC	Sediment (marine water)	0,00049 mg/kg dwt
Hydroquinone (123-31-9/204-617-8)	PNEC	Soil	0,00064 mg/kg dwt

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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Hydroquinone (123-31-9/204-617-8)	PNEC	Freshwater	0,57 µg/l
Hydroquinone (123-31-9/204-617-8)	PNEC	Intermittent releases (freshwater)	1,34 µg/l
Hydroquinone (123-31-9/204-617-8)	PNEC	Marine water	0,057 µg/l
Hydroquinone (123-31-9/204-617-8)	PNEC	Sewage Treatment Plant	0,71 mg/l
Hydroquinone (123-31-9/204-617-8)	PNEC	Sediment (freshwater)	0,0049 mg/kg dwt

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in closed rooms. Vapors/aerosols must be extracted safely directly at the point of origin.

Personal Protective Equipment Symbols



Eye / face protection

Wear safety goggles with side shield (or safety glasses). Eye protection must comply with the DIN EN 166 standard.

Hand protection

Recommended use: Nitrile rubber. Glove thickness > 0.4 mm. Latex gloves. Polyethylene. Polypropylene. Glove thickness >= 0.15 mm. Ensure that the breakthrough time of the glove material is not exceeded. Use the supplier's information on the breakthrough time for the specific gloves.

Recommendation: Gloves must comply with the EN 374 standard.

Other skin protection

Wear suitable protective clothing when working.

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Respiratory protection

Under normal conditions of use respiration protection should not be required.

Environmental exposure controls

Do not allow uncontrolled release of the product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colorless

Odour

Characteristic. Irritating.

Melting point / freezing point

No data available.

Boiling point or initial boiling point and boiling range

169 - 187 °C

Flammability

No data available.

Lower and upper explosion limit

No data available.

Flash point

103 °C

Method

Open Cleveland tile

Auto-ignition temperature

421 °C

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Decomposition temperature

No data available.

pH

No data available.

Kinematic viscosity

No data available.

Viscosity, dynamic

No data available.

Solubility

No data available.

Water solubility

Polymerization may occur. Reacts with water.

Partition coefficient n-octanol/water

No data available.

Vapour pressure

No data available.

Density and/or relative density

No data available.

Relative density

No data available.

Relative vapour density

No data available.

Particle characteristics

There is no information available.

Information on basic physical and chemical properties

N/A.

9.2. Other information

There is no information available.

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Other

There is no information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Product hardens with moisture.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None during normal processing. Dangerous polymerization may occur.

10.4. Conditions to avoid

Protect from moisture.

10.5. Incompatible materials

Alcohols. Iyes. Amines. Water.

10.6. Hazardous decomposition products

None known under normal conditions of use.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

The following values are calculated on the basis of chapter 3.1 of the GHS document

ATEmix (oral) : >2000 mg/kg

ATEmix (dermal) : >2000 mg/kg

ATEmix (inhalation of gas) : >20000 ppm

ATEmix (inhalation of dust/mist) : >5 mg/l

ATEmix (inhalation of vapors) : >20 mg/l

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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Hydroquinone 123-31-9 / 204-617-8	LD50	390 mg/kg	Oral	-	Rat	-
Hydroquinone 123-31-9 / 204-617-8	LD50	74800 mg/kg	Dermal	-	Oryctolagus cuniculus	-
ethyl 2-cyanoacrylate 7085-85-0 / 230-391-5	LD50	> 5000 mg/kg	Oral	-	Rat	OECD 401
ethyl 2-cyanoacrylate 7085-85-0 / 230-391-5	LD50	> 2000 mg/kg	Dermal	-	Oryctolagus cuniculus	OECD 402
ethyl 2-cyanoacrylate 7085-85-0 / 230-391-5	LC50	< 21,1 mg/l	Inhalative	1 hour	Rat	-

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Hydroquinone : Muta. 2;H341

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Product / Substance name CAS / EC no.	Result	Species	Method / Guideline
Hydroquinone 123-31-9 / 204-617-8	mutagen	Mouse	OECD Test No. 476: In vitro gene mutation tests on mammalian cells with the Hprt and xprt genes

Carcinogenicity

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

Hydroquinone : Carc. 2;H351

Product / Substance name CAS / EC no.	Value / Dose	Species	Other
Hydroquinone 123-31-9 / 204-617-8	Suspected carcinogenic effect	Rat	OECD Test No. 453: Combined study for testing carcinogenicity and chronic toxicity

Reproductive toxicity

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.

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

Other information

There is no information available.

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Other

This product is part of a multi-component system. Please also refer to the safety data sheet for the other component(s).

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life.

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
ethyl 2-cyanoacrylate 7085-85-0 / 230-391-5	-	polymerizes	-	-
Hydroquinone 123-31-9 / 204-617-8	LC50	0,044 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
ethyl 2-cyanoacrylate 7085-85-0 / 230-391-5	-	polymerizes	-	-
Hydroquinone 123-31-9 / 204-617-8	EC50	0,335 mg/l	72 hours	Pseudokirchneriella sub- capitata

Acute crustacean toxicity

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Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Hydroquinone 123-31-9 / 204-617-8	EC50	0,29 mg/l	48 hours	Daphnia magna

Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure
Hydroquinone 123-31-9 / 204-617-8	EC50	0,042 mg/l	5 min
Hydroquinone 123-31-9 / 204-617-8	EC50	23,75 mg/l	60 min
Hydroquinone 123-31-9 / 204-617-8	EC50	0,038 mg/l	15 min
Hydroquinone 123-31-9 / 204-617-8	EC50	0,0382 mg/	30 min

12.2. Persistence and degradability

There is no information available.

12.3. Bioaccumulative potential

Product / Substance name CAS / EC no.	LogKow / LogPow
Hydroquinone 123-31-9 / 204-617-8	0.59

12.4. Mobility in soil

Mobility

There is no information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

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12.6. Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

12.7. Other adverse effects

There is no information available.

Other

German Water Class

WGK1 - slightly water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of in accordance with local regulations.

Packaging

Contaminated packaging must be disposed of in the same way as the substance. Do not reuse emptied containers.

Waste code	Waste description
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

Other

Waste codes must be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

14.1. UN number

No dangerous goods in the sense of these transport regulations.

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14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

No dangerous goods in the sense of these transport regulations.

14.3. Transport hazard class(es)

Label

No dangerous goods in the sense of these transport regulations.

ADR / RID Class

No dangerous goods in the sense of these transport regulations.

ADR / RID Classification code

No dangerous goods in the sense of these transport regulations.

ADR / RID hazard identification number

No dangerous goods in the sense of these transport regulations.

IMDG Class

No dangerous goods in the sense of these transport regulations.

14.4. Packing group

No dangerous goods in the sense of these transport regulations.

14.5. Environmental hazards

Not applicable.

IMDG Marine Pollutant

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

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SECTION 15: Regulatory information

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

EU regulations

SVHC: Substance of Very High Concern for authorization:

This product does not contain substances of very high concern (SVHC) on the candidate list in a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Annex XVII (REACH): The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH):

This product does not contain any substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorization according to REACH, Annex XIV

None of the ingredients are included.

Requirements for the issuance of export licenses :

None of the ingredients are included.

Regulation on ozone-depleting substances (EC) No. 1005/2009

N/A.

Persistent organic pollutants

N/A.

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of June 20, 2019 on the marketing and use of explosives precursors

Not applicable.

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National regulations

Check whether measures under Directive 94/33/EC on the protection of young people at work need to be taken.

Observe Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

Ordinance on Industrial Safety and Health (BetrSichV, Germany):
No flammable liquid according to BetrSichV

Water hazard classification : 1 - slightly water endangering

Storage class according to TRGS 510: 10 - Flammable liquids that cannot be assigned to any of the aforementioned LGKs

TA Air:
Hydroquinone
5.2.5
Class: I

VOC (%): <3

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Phrase meaning

Skin Irrit. 2 - Skin irritation, hazard category 2

Eye Irrit. 2 - Eye irritation, hazard category 2

STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Skin Sens. 1 - Skin sensitisation, hazard category 1

Eye Dam. 1 - Serious eye damage, hazard category 1

Muta. 2 - Germ cell mutagenicity, hazard category 2

Carc. 2 - Carcinogenicity, hazard category 2

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1

STOT SE 3 - Specific Target Organ Toxicity — Single exposure, hazard category 3

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.

H410 Very toxic to aquatic life with long lasting effects.

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

Other

Additional information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The recipient of our products is responsible for observing existing laws and regulations. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials processed or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

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Manufacturer's notes

The data of the relevant components were taken from the latest safety data sheet of the upstream supplier.

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1.1. Product identifier

Trade name

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Article No.

300455

Nanoform

This substance / mixture contains nanoforms.

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

Relevant identified uses

Hardener.

Not suitable for use in

None known.

1.3. Details of the supplier of the safety data sheet

SDS created by

Gefahrgutberatung Florian Herber, Erbigsweg 12, 36137 Großenlüder

Telefon: 0163 / 8408334

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Fax

+49 2191 951 33044

Web site

www.tecpo.de

Contact person

Baris Ünsal

1.4. Emergency telephone number

Poison center/Additional emergency number

+49 (0) 89 19240 (Available 24/7) - Poison Emergency Call Munich (Available for the public.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Description

This mixture is not classified as dangerous according to Regulation (EC) No 1272/2008 [CLP].

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2.2. Label elements

More information

This mixture is not classified as dangerous according to Regulation (EC) No 1272/2008 [CLP].

This product is part of a multi-component system. Please also refer to the safety data sheet for the other component(s).

2.3. Other hazards

No data available

Other

This product does not contain any PBT or vPvB substances.

The product does not contain any substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Specific concentra- tion limits ATE	Note
Calcium silicate	1344-95-2 935-756-9 01-2119990740- 32 -	1 - <5%	Eye Irrit. 2	H319 - -		-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

This product does not contain substances of very high concern (SVHC) on the candidate list in a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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SECTION 4: First aid measures

4.1. Description of first aid measures

If medical advice is needed, have product container or label at hand.

Inhalation

Move the exposed person to fresh air at once. Consult a doctor if symptoms persist.

Skin contact

Wash skin with soap and water. In case of skin irritation or allergic reactions consult a doctor.

Eye contact

Rinse thoroughly immediately with plenty of water for at least 15 minutes, also under the eyelids. eye-lids. Remove any contact lenses if possible. Continue to rinse out. See an ophthalmologist.

Ingestion

Rinse mouth with water.

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

There is no information available.

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

There is no information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use firefighting measures that are adapted to the local conditions and environment.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

There is no information available.

Hazardous decomposition products: Carbon oxides. Silicon dioxide.

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5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and full operational clothing. Wear personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Emergency services: Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

See section 12 for additional environmental information.

6.3. Methods and material for containment and cleaning up

If it is safe to do so, prevent further leakage or spillage.

Pick up mechanically and dispose of in suitable containers.

Thoroughly clean soiled objects and surfaces in compliance with environmental regulations.

Dispose of the collected material in accordance with the regulations (Section 13).

6.4. Reference to other sections

See SECTIONS 7+8+13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

This product is part of a multi-component system. Please also refer to the safety data sheet for the other component(s). Handle with good industrial hygiene and safety technology.

General hygiene

Wash hands before breaks and at the end of work. Do not eat, drink or smoke when using this product.

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7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Hardener.

Other

Observe the technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Calcium silicate (1344-95-2/935-756-9)	DNEL	Chronic (long term) Inhalation	4 mg/m ³	Workers	Local
Calcium silicate (1344-95-2/935-756-9)	DNEL	Chronic (long term) Dermal	10 mg/m ³	Workers	Local
Calcium silicate (1344-95-2/935-756-9)	DNEL	Chronic (long term) Inhalation	5 mg/m ³	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Calcium silicate (1344-95-2/935-756-9)	PNEC	Freshwater	4 mg/l
Calcium silicate (1344-95-2/935-756-9)	PNEC	Sewage Treatment Plant	100 mg/l

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8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in closed rooms.

Personal Protective Equipment Symbols



Eye / face protection

Tightly sealed safety goggles. (EN 166)

Hand protection

Wear suitable protective gloves. Recommended use: Nitrile rubber. Glove thickness > 0.4 mm. Ensure that the breakthrough time of the glove material is not exceeded. Use the supplier's information on breakthrough time for the specific gloves. The breakthrough time for the specified glove materials is generally greater than 480 min.

Recommendation: Gloves must comply with the EN 374 standard.

Other skin protection

Wear suitable protective clothing.

Respiratory protection

Wear respiratory protection in case of insufficient ventilation. Wear a respirator in accordance with EN 140 with filter type A/P2 or better. Ensure adequate ventilation, especially in closed rooms.

Environmental exposure controls

Do not allow uncontrolled release of the product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

White.

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Odour

Characteristic.

Melting point / freezing point

No data available.

Boiling point or initial boiling point and boiling range

195 °C

Flammability

No data available.

Lower and upper explosion limit

No data available.

Flash point

138 °C

Auto-ignition temperature

433 °C

Decomposition temperature

No data available.

pH

Mixture is non-polar/aprotic

Kinematic viscosity

No data available.

Viscosity, dynamic

60000 - 110000 mPa · s

Method

Spindle 14 @ 1.5 rpm @ 25 °C

Solubility

No data available.

Water solubility

Water-soluble.

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Partition coefficient n-octanol/water

No data available.

Vapour pressure

No data available.

Density and/or relative density

1,1 g/cm³

Relative density

No data available.

Relative vapour density

No data available.

VOC %

No data available.

Particle characteristics

There is no information available.

Information on basic physical and chemical properties

N/A.

9.2. Other information

There is no information available.

Other

There is no information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

There is no information available.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

No dangerous reactions are 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

None known under normal conditions of use. Stable under the prescribed storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Acute toxicity

The following values are calculated on the basis of chapter 3.1 of the GHS document

ATEmix (oral) : >2000 mg/kg

ATEmix (dermal) : >2000 mg/kg

ATEmix (inhalation of gas) : >20000 ppm

ATEmix (inhalation of dust/mist) : >5 mg/l

ATEmix (inhalation of vapors) : >20 mg/l

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals
Calcium silicate 1344-95-2 / 935-756-9	LD50	> 5000 mg/kg	Oral	-	Rat
Calcium silicate 1344-95-2 / 935-756-9	LC50	> 4,9 mg/l	Inhalative	4 hours	Rat

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Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

Other information

There is no information available.

Other

This product is part of a multi-component system. Please also refer to the safety data sheet for the other component(s).

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SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

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

12.2. Persistence and degradability

There is no information available.

12.3. Bioaccumulative potential

There is no information available.

12.4. Mobility in soil

Mobility

There is no information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

12.7. Other adverse effects

There is no information available.

Other

German Water Class

WGK1 - slightly water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of in accordance with local regulations.

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Packaging

Contaminated packaging must be disposed of in the same way as the substance.

Waste code	Waste description
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

Other

Waste codes must be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

14.1. UN number

No dangerous goods in the sense of these transport regulations.

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

No dangerous goods in the sense of these transport regulations.

14.3. Transport hazard class(es)

Label

No dangerous goods in the sense of these transport regulations.

ADR / RID Class

No dangerous goods in the sense of these transport regulations.

ADR / RID Classification code

No dangerous goods in the sense of these transport regulations.

ADR / RID hazard identification number

No dangerous goods in the sense of these transport regulations.

IMDG Class

No dangerous goods in the sense of these transport regulations.

14.4. Packing group

No dangerous goods in the sense of these transport regulations.

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14.5. Environmental hazards

Not applicable.

IMDG Marine Pollutant

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

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SECTION 15: Regulatory information

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

EU regulations

SVHC: Substance of Very High Concern for authorization:

This product does not contain substances of very high concern (SVHC) on the candidate list in a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Annex XVII (REACH): The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH):

This product does not contain any substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorization according to REACH, Annex XIV

None of the ingredients are included.

Requirements for the issuance of export licenses :

None of the ingredients are included.

Regulation on ozone-depleting substances (EC) No. 1005/2009

N/A.

Persistent organic pollutants

N/A.

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of June 20, 2019 on the marketing and use of explosives precursors

Not applicable.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients are included.

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National regulations

Check whether measures under Directive 94/33/EC on the protection of young people at work need to be taken.

Observe Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

Ordinance on Industrial Safety and Health (BetrSichV, Germany):
No flammable liquid according to BetrSichV

Water hazard classification : 1 - slightly water endangering

Storage class according to TRGS 510: 10 - Flammable liquids that cannot be assigned to any of the aforementioned LGKs

VOC (%): <3

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
AGW - Occupational Exposure Limit (Arbeitsplatzgrenzwert)
ATE - Acute Toxicity Estimate
AwSV - Ordinance on Installations for Handling Substances Hazardous to Water
C&L - Einstufung und Kennzeichnung
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSR - Chemical Safety Report
DNEL - Derived No Effect Level
ECHA - European Chemicals Agency
GefStoffV - Hazardous Substances Ordinance (Gefahrstoffverordnung)
GHS - Globally Harmonized System
IMDG - International Maritime Dangerous Goods
International Air Transport Association
IUCLID - International Uniform Chemical Information Database
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LGK - Storage Class (Lagerklasse)
OEL - Occupational Exposure Lim
PBT - Persistent, Bioaccumulative and Toxic substance
PNEC - Predicted No Effect Concentration(s)
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SCBA - Self-Contained Breathing Apparatus
STOT - Specific Target Organ Toxicity
SVHC - Substances of Very High Concern
TRGS - Technische Regeln für Gefahrstoffe
UFI - Unique Formula Identifier
vPvB - Very Persistent and Very Bioaccumulative
WGK - Water Hazard Class (Wassergefährdungsklasse)

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Phrase meaning

Eye Irrit. 2 - Eye irritation, hazard category 2
H319 Causes serious eye irritation.

Other

Additional information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The recipient of our products is responsible for observing existing laws and regulations. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials processed or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

Manufacturer's notes

The data of the relevant components were taken from the latest safety data sheet of the upstream supplier.