

2K Fast Fix Ultra (1pc) A

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 9/5/2019 Revision date: 3/3/2020 Supersedes: 3/3/2020 Version: 24.1

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

1.1. Product identifier

Product form : Mixture
Product name : 2K Fast Fix Ultra (1pc) A
Product code : 3309

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance/mixture : adhesives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ProPart International
Molenakker 3
5953 TW Reuver - Nederland
T +31 (0) 77 476 2204
info@propart-international.com - www.propart-international.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazardous ingredients : ethyl 2-cyanoacrylate
Hazard statements (CLP) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
Precautionary statements (CLP) : P261 - Avoid breathing vapours.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER, a doctor if you feel unwell.
P102 - Keep out of reach of children.
P501 - Dispose of contents and container to a hazardous or special waste collection point.
EUH-statements : EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
UFI : 0359-D0DK-800J-JEQN

2.3. Other hazards

Other hazards not contributing to the classification : No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl 2-cyanoacrylate	(CAS-No.) 7085-85-0 (EC-No.) 230-391-5 (EC Index-No.) 607-236-00-9	88 - 99	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315
1,4-dihydroxybenzene; hydroquinone; quinol	(CAS-No.) 123-31-9 (EC-No.) 204-617-8 (EC Index-No.) 604-005-00-4	< 0.1	Carc. 2, H351 Muta. 2, H341 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10)

Specific concentration limits:

Name	Product identifier	Specific concentration limits
ethyl 2-cyanoacrylate	(CAS-No.) 7085-85-0 (EC-No.) 230-391-5 (EC Index-No.) 607-236-00-9	(10 ≤C < 100) STOT SE 3, H335

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
First-aid measures after inhalation	: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If breathing stops, give artificial respiration. Get immediate medical advice/attention.
First-aid measures after skin contact	: Wash immediately with plenty of soap and water. Followed by thorough rinsing. If the product comes in contact with the lips, keep the mouth open so that the lips cannot come into contact with each other. Take off contaminated clothing. Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Contact ophthalmologist immediately. Do not attempt to pull the sticking eyelids apart.
First-aid measures after ingestion	: Keep the airways open. Get medical advice/attention.

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

Symptoms/effects	: By prolonged exposure : May cause sensitisation by skin contact. In case of repeated or prolonged exposure : Cough, Shortness of breath, Headache, Nausea, Vomiting, Risk of damage to eyes, May cause eye irritation.
Symptoms/effects after skin contact	: Redness. Pain.
Symptoms/effects after eye contact	: Redness, pain.
Symptoms/effects after ingestion	: May be harmful if swallowed.

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	: water, carbon dioxide (CO ₂), powder and foam.
Unsuitable extinguishing media	: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: May form combustible dust concentrations in air.
Hazardous decomposition products in case of fire	: On heating or during combustion : Cyanides. Nitrogen oxides. Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

5.3. Advice for firefighters

Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing.
Other information	: Cool containers / tanks with spray water if possible. Dyke fire control water for later disposal. Dispose of in accordance with applicable federal, state, and local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Contains cyanoacrylate. Danger. Sticks to skin and eyes in a few seconds. Do not get in eyes, on skin, or on clothing. Do not breathe vapour/aerosol. Provide adequate ventilation. Wear proper protective equipment. Keep public away.
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6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not contaminate ground and surface water. Do not empty into drains.

6.3. Methods and material for containment and cleaning up

For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Keep in suitable, closed containers for disposal. Possible alternative: Mix with water (polymerization). Take the fluid mechanically and take it to an approved waste disposal company.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

: Keep away from sources of ignition - No smoking.

Precautions for safe handling

: Provide sufficient air exchange and/or exhaust. Appropriate personal protective equipment. Avoid all contact with skin, eyes, or clothing. Use explosion-proof equipment. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep container tightly closed in a cool place. Protect from sunlight. Store at temperatures not exceeding 2-8 °C. Protect from freezing. Keep only in the original container in a cool, well-ventilated place away from moisture. Store away from heat.

Information on mixed storage

: Incompatible materials: Strong oxidizing agents.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Provide sufficient air exchange and/or exhaust. In case of breathable dust, use a self-contained breathing apparatus. Use only explosion-proof equipment.

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Refer to the recommendations of the supplier

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Protective gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	>= 0,1 mm		EN 374-2, EN 374-3

Eye protection:

Type	Use	Characteristics	Standard
Protective goggles			EN 166

Respiratory protection:

Device	Filter type	Condition	Standard
respiratory system	Filter AX (brown), Filter B (grey), Filter E (yellow), Filter K (green)		EN 14387

Other information:

Take off contaminated clothing. Dermal contact with the substance has to be excluded. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Appearance	: Physical state at 20°C / 101.3kPa. Liquid.
Molecular mass	: ethyl 2-cyanoacrylate
Colour	: Colourless.
Odour	: irritating/pungent odour.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 150 °C
Flash point	: 87 °C
Auto-ignition temperature	: 500 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.05 g/ml
Solubility	: Soluble in acetone. Water: Material insoluble in water
Log Pow	: 1.42 ethyl 2-cyanoacrylateBased on the n-octanol/water partition coefficient significant accumulation in organisms is not expected
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 2 % 2 % by weight = 20 g/L

SECTION 10: Stability and reactivity

10.1. Reactivity

See 10.3.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Water, humidity. Polymerization. together with heat development.

10.4. Conditions to avoid

Protect from moisture. Keep away from naked flames/heat. Protect from freezing. Protect from sunlight.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents. Amines. Alkalines. alcohols. Polymerisation risk.

10.6. Hazardous decomposition products

Cyanides. Nitrogen oxides. Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: ATE MX (oral). (calculated value). >2000 mg/kg (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: ATE MX (dermal). (calculated value). > 5000 mg/kg (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Additional information	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children
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ethyl 2-cyanoacrylate (7085-85-0)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Symptoms/effects after eye contact. Redness, pain
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Symptoms/effects after skin contact. Redness, pain. Symptoms/effects after eye contact. Symptoms/effects after ingestion. May be harmful if swallowed. By prolonged exposure : May cause sensitisation by skin contact. In case of repeated or prolonged exposure : Cough. Shortness of breath. Headache. Nausea. Vomiting. Risk of damage to eyes.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Additional information	: No data available.

12.2. Persistence and degradability

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Persistence and degradability	Product is biodegradable.
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12.3. Bioaccumulative potential

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Log Pow	1.42 ethyl 2-cyanoacrylateBased on the n-octanol/water partition coefficient significant accumulation in organisms is not expected
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information	: Do not allow to enter into surface water or drains. Do not allow material to contaminate ground water system
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. Only pass on empty containers/packaging for recycling.
European List of Waste (LoW) code	: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN


ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	UN 3334	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Aviation regulated liquid, n.o.s.	Not regulated	Not regulated
Transport document description				
Not regulated	Not regulated	UN 3334 Aviation regulated liquid, n.o.s., 9, III	Not regulated	Not regulated

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14.3. Transport hazard class(es)

Not regulated	Not regulated	9	Not regulated	Not regulated
Not regulated	Not regulated		Not regulated	Not regulated

14.4. Packing group

Not regulated	Not regulated	III	Not regulated	Not regulated
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14.5. Environmental hazards

Not regulated	Not regulated	Dangerous for the environment : No	Not regulated	Not regulated
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No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A27
ERG code (IATA)	: 9A

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code : No available data.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

Reference code	Applicable on	Entry title or description
3.	2K Fast Fix Ultra (1pc) A	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 2 % 2 % by weight = 20 g/L

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

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SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

15.2. Chemical safety assessment

Chemical Safety Assessment not required

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.