



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2022.

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

1.1. Product identifier

Product name PC06 Cyanoacrylate Adhesive
Product number 409-675

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

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier PotteryCrafts Ltd/ Tiranti
Campbell Road
Stoke on Trent
ST4 4ET

1.4. Emergency telephone number

Emergency telephone 01782 745000

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 H315

[CLP] Mixtures/Substances: SDS EU 2015: According to Regulation

(EU) 2015/830 (REACH Annex II) Skin corrosion/irritation, Category 2

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

May cause respiratory irritation.

2.2. Label elements

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



GHS07

Signal word (CLP) :

Contains :

Warning

ETHYL-2-

CYANOACRYLATE

Hazard statements (CLP) :

Precautionary statements (CLP) :

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

P102 - Keep out of reach of children. P261 - Avoid breathing dust, fume, gas, mist, spray, vapours. P264 - Wash hands thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective clothing/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container to contents a hazardous or special waste collection point.

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potteryCrafts.co.uk / www.tiranti.co.uk
sales@potteryCrafts.co.uk / Enquiries@tiranti.co.uk



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

2.3. Other hazards vPvB:
not relevant – no registration required

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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 (REACH-no) 01-2119527766-29	95.91	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
HYDROQUINONE	(CAS-No.) 123-31-9 (EC-No.) 204-617-8 (EC Index-No.) 604-005-00-4 (REACH-no) 01-2119524016-51	0.09	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 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 (REACH-no) 01-2119527766-29	(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 : Move to fresh air. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

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 spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture Hazardous decomposition products in case of fire

Toxic fumes may be released.



5.3. Advice for firefighters

Protection during firefighting

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

Avoid breathing dust, fume, gas, mist, spray, vapours.

6.1.2. For emergency responders Protective equipment

Emergency procedures

Do not attempt to take action without suitable protective equipment.
Ventilate the area thoroughly. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Take up liquid spill into absorbent material.

Other information

Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, spray, vapours. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures

Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Incompatible products

Strong bases.

Incompatible materials

Water.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Austria - Occupational Exposure Limits

Local name

Cyanacrylsäureethylester

MAK (OEL TWA)

9 mg/m³

MAK (OEL TWA) [ppm]

2 ppm

Regulatory reference

BGBI. II Nr. 186/2015

Belgium - Occupational Exposure Limits

Local name

2-Cyanoacrylate d'éthyle # Ethyl-2-cyanoacrylaat

OEL TWA

1.04 mg/m³

OEL TWA [ppm]

0.2 ppm

Regulatory reference

Koninklijk besluit/Arrêté royal 02/09/2018

Croatia - Occupational Exposure Limits

Local name

Etil-cijanoakrilat

KGVI (OEL STEL)

1.5 mg/m³

KGVI (OEL STEL) [ppm]

0.3 ppm

Naznake (HR)

Koža (razvrstana kao tvar koja nadražuje kožu (H315))

Regulatory reference

Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 91/2018)

Denmark - Occupational Exposure Limits

Local name

Ethylcyanoacrylat

OEL TWA [1]

10 mg/m³

OEL TWA [2]

2 ppm

Regulatory reference

BEK nr 655 af 31/05/2018

Estonia - Occupational Exposure Limits

Local name

Etüülsüanoakrülaat

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.pottery crafts.co.uk / www.tiranti.co.uk
sales@pottery crafts.co.uk / Enquiries@tiranti.co.uk

Procure PC06

OEL TWA [ppm]	2 ppm
OEL STEL	20 mg/m ³
OEL STEL [ppm]	4 ppm
Regulatory reference	Vabariigi Valitsuse 18. septembri 2001. a määruse nr 293 (RT I, 30.11.2011, 5)

Finland - Occupational Exposure Limits

Local name	Etyyli-2-syanoakrylaatti
HTP (OEL TWA) [1]	1 mg/m ³
HTP (OEL TWA) [2]	0.2 ppm
Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveysministeriö)

Ireland - Occupational Exposure Limits

Local name	Ethyl cyanoacrylate
OEL TWA [2]	0.2 ppm
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018

Lithuania - Occupational Exposure Limits

Local name	Etil-2-ciankriatas
IPRV (OEL TWA)	10 mg/m ³
IPRV (OEL TWA) [ppm]	2 ppm
TPRV (OEL STEL)	20 mg/m ³
TPRV (OEL STEL) [ppm]	4 ppm
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)

Poland - Occupational Exposure Limits

Local name	2-Cyanoakrylan etylu
NDS (OEL TWA)	1 mg/m ³
NDSCh (OEL STEL)	2 mg/m ³
Regulatory reference	Dz. U. 2018 poz. 1286

Portugal - Occupational Exposure Limits

Local name	Cianoacrilato de etilo
OEL TWA [ppm]	0.2 ppm
Regulatory reference	Norma Portuguesa NP 1796:2014

Spain - Occupational Exposure Limits

Local name	Cianoacrilato de etilo
VLA-ED (OEL TWA) [2]	0.2 ppm
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT

Sweden - Occupational Exposure Limits

Local name	Etyl-2-cyanoakrylat
NGV (OEL TWA)	10 mg/m ³
NGV (OEL TWA) [ppm]	2 ppm
KTV (OEL STEL)	20 mg/m ³
KTV (OEL STEL) [ppm]	4 ppm

Procure PC06

Anmärkning (SE)

M (Medicinska kontroller kan krävas för hantering av ämnet. Se vidare föreskrifterna om medicinska kontroller i arbetslivet. För vissa ämnen ska arbetsgivaren erbjuda läkarundersökning och för andra ämnen gäller krav på periodisk läkarundersökning och tjänstbarhetsbedömning); S (Ämnet är sensibiliserande. Sensibiliserande ämnen kan ge allergi eller annan överkänslighet. Överkänslighetsbesvären drabbar främst huden eller andningsorganen. Överkänslighet innebär att man reagerar vid kontakt med ämnen som normalt inte ger besvär. Allergi är en undergrupp av överkänslighet som orsakas av reaktioner i kroppens immunsystem. Särskilt låga gränsvärden har fastställts för ämnen med mer uttalat luftvägssensibiliserande egenskaper. Några ämnen med starkt sensibiliserande egenskaper får endast hanteras efter tillstånd från Arbetsmiljöverket, se föreskrifterna om kemiska arbetsmiljörisker. Dessa ämnen har inga gränsvärden men i vissa fall riktvärden); V (Vägledande korttidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas) Hygieniska gränsvärden (AFS 2018:1)

Regulatory reference

United Kingdom - Occupational Exposure Limits

Local name	Ethyl cyanoacrylate
WEL STEL	1.5 mg/m ³
WEL STEL (ppm)	0.3 ppm
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

Iceland - Occupational Exposure Limits

Local name	Etýlsýanoakrylát
OEL TWA	10 mg/m ³

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.pottery crafts.co.uk / www.tiranti.co.uk
sales@pottery crafts.co.uk / Enquiries@tiranti.co.uk

OEL TWA [ppm] 2 ppm
Regulatory reference Reglugerð um

Switzerland - Occupational Exposure Limits

Local name 2-Cyanoacrylate d'éthyle / Cyanacrylsäureethylester [Ethyl-2-cyanoacrylat]
MAK (OEL TWA) [1] 9 mg/m³
MAK (OEL TWA) [2] 2 ppm
Critical toxicity VRS, Peau / OAW, Haut
Regulatory reference www.suva.ch, 01.07.2019

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection Eye protection:

Safety glasses

8.2.2.2. Skin protection Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear, colorless liquid.
Colour	:	Colourless.
Odour	:	Characteristic odour.
Odour threshold	:	No data available
pH	:	Not applicable.
Relative evaporation rate (butylacetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	No data available.
Freezing point	:	No data available
Boiling point	:	> 149 °C
Flash point	:	80 – 93.4 °C
Critical temperature	:	No data available
Auto-ignition temperature	:	450
Decomposition temperature	:	No data available

Flammability (solid, gas) :	Not applicable.
Vapour pressure :	Not applicable
Vapour pressure at 50 °C :	0.27 mbar
Relative vapour density at 20 °C :	< 0.7 bar
Relative density :	<700 mbar
Density :	1.05
Relative gas density :	≈ 1.05
Solubility :	No data available
	No data available.
	Water: No data available
	Ethanol: No data available
	Ether: No data available
	Acetone: No data available
	Organic solvent: No data available
Partition coefficient n-octanol/water (Log Pow) :	No data available
Viscosity, kinematic :	≈ 28.571 mm ² /s
Viscosity, dynamic :	≈ 30 mPa·s
Explosive properties :	No data available.
Oxidising properties :	No data available.
Explosive limits :	No data available

9.2. Other information

Additional information : No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Procure PC06

LD50 oral rat >5000 mg/kg

LD50 dermal >2000 mg/kg

ETHYL-2-CYANOACRYLATE (7085-85-0)

LD50 oral rat >5000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)

LD50 dermal rabbit >2000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : pH: Not applicable.

Respiratory or skin sensitisation : Causes serious eye irritation.

Respiratory or skin sensitisation : pH: Not applicable.

Respiratory or skin sensitisation : Not classified



Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause respiratory irritation.

ETHYL-2-CYANOACRYLATE (7085-85-0)

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

Procure PC06

Viscosity, kinematic : $\approx 28.571 \text{ mm}^2/\text{s}$

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified
Not rapidly degradable

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment Procure PC06

vPvB: not relevant – no registration required

12.6. Other adverse effects

No additional information available


SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	UN 3334	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Aviation regulated liquid, n.o.s. (ethyl 2-cyanoacrylate)	Not applicable	Not applicable
Transport document description				
Not applicable	Not applicable	UN 3334 Aviation regulated liquid, n.o.s. (ethyl 2-cyanoacrylate), 9, III	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	9	Not applicable	Not applicable
Not applicable	Not applicable		Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	III	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Dangerous for the environment : No	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user Overland transport

Not applicable

Transport by sea

Not applicable

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) : 100L
 CAO packing instructions (IATA) : 964
 CAO max net quantity (IATA) : 220L
 Special provisions (IATA) : A27
 ERG code (IATA) : 9A

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

Not applicable

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
3(b)	PROCURE PC06 ; ETHYL-2-CYANOACRYLATE

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

15.1.2. National regulations

France

Occupational diseases	
Code	Description
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

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

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

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Ontwikkeling

Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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.

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.