

PROLOC P.44 UNIVERSAL FAST GLUE

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 11/2/2014

Revision date: 12/15/2015

Supersedes: 11/2/2014

Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : PROLOC P.44 UNIVERSAL FAST GLUE
Product code : PROLOC P.44
Type of product : Adhesives
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

AKKİM YAPI KİMYASALLARI SANAYİ ve TİCARET A.Ş.
Yeşilbayır mahallesi Şimşir sokak No:22
34555 İSTANBUL - TURKEY
T +90 2127711371 - F + 90 2127713949
info@proloc.com.tr - www.proloc.com.tr

1.4. Emergency telephone number

Emergency number : +90 2127711371 (9:00 am - 17:00 pm GMT+2)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315 Calculation method
Serious eye damage/eye irritation, Category 2 H319 Calculation method
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335 Calculation method

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

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) :

P102 - Keep out of reach of children
P261 - Avoid breathing gas, mist, vapours
P280 - Wear eye protection, face protection, protective gloves

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P302+P352 - IF ON SKIN: Wash with plenty of 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 doctor, a POISON CENTER if you feel unwell
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

EUH-statements : EUH208 - Contains 1,4-dihydroxybenzene, hydroquinone, quinol. May produce an allergic reaction
 EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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	80 - 90	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 - 0.5	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	(C >= 10) 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 : 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/injuries after inhalation : May cause respiratory irritation.
 Symptoms/injuries after skin contact : Irritation.
 Symptoms/injuries 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.

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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 : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

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/vapours/spray. 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.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Austria	Local name	1,4-Dihydroxybenzol
Austria	MAK (mg/m ³)	2 mg/m ³
Austria	MAK Short time value (mg/m ³)	4 mg/m ³
Austria	Remark (AT)	S
Belgium	Local name	Hydroquinone
Belgium	Limit value (mg/m ³)	2 mg/m ³
Bulgaria	Local name	Хидрохинон
Bulgaria	OEL TWA (mg/m ³)	2 mg/m ³
Croatia	Local name	Hidrokinon; (1,4-dihidroksibenzen; kinol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	0.5 mg/m ³
Croatia	Naznake (HR)	Xn, N
Czech Republic	Local name	1,4-Dihydroxybenzen
Czech Republic	Expoziční limity (PEL) (mg/m ³)	2 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	4 mg/m ³
Czech Republic	Remark (CZ)	D, S
Denmark	Local name	Hydroquinon
Denmark	Grænseværdie (langvarig) (mg/m ³)	2 mg/m ³

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Denmark	Anmærkninger (DK)	LK
Estonia	Local name	Hüdrokinoon (1,4-benseendiol)
Estonia	OEL TWA (mg/m ³)	0.5 mg/m ³
Estonia	OEL STEL (mg/m ³)	1.5 mg/m ³
Finland	Local name	Hydrokinoni
Finland	HTP-arvo (8h) (mg/m ³)	0.5 mg/m ³
Finland	HTP-arvo (15 min)	2 mg/m ³
France	Local name	Hydroquinone
France	VME (mg/m ³)	2 mg/m ³
Greece	OEL TWA (mg/m ³)	2 mg/m ³
Greece	OEL STEL (mg/m ³)	4 mg/m ³
Ireland	Local name	Hydroquinone
Ireland	OEL (8 hours ref) (mg/m ³)	0.5 mg/m ³
Lithuania	Local name	Hidrochinonas
Lithuania	IPRV (mg/m ³)	0.5 mg/m ³
Lithuania	TPRV (mg/m ³)	1.5 mg/m ³
Lithuania	Remark (LT)	KMJ
Poland	Local name	Hydrochinon
Poland	NDS (mg/m ³)	1 mg/m ³
Poland	NDSch (mg/m ³)	2 mg/m ³
Portugal	Local name	Hidroquinona
Portugal	OEL TWA (mg/m ³)	2 mg/m ³
Romania	Local name	Hidrochinona
Romania	OEL TWA (mg/m ³)	1 mg/m ³
Romania	OEL STEL (mg/m ³)	2 mg/m ³
Slovenia	Local name	1,4-dihidroksibenzen (hidrokinon)
Slovenia	OEL TWA (mg/m ³)	2 mg/m ³
Slovenia	OEL STEL (mg/m ³)	2 mg/m ³
Spain	Local name	Hidroquinona
Spain	VLA-ED (mg/m ³)	2 mg/m ³
Spain	Notes	Sen (Sensibilizante. Véase Apartado 6.)
Sweden	Local name	Hydroquinone
Sweden	nivagränsvärde (NVG) (mg/m ³)	0.5 mg/m ³
Sweden	kortidsvärde (KTV) (mg/m ³)	1.5 mg/m ³
United Kingdom	Local name	Hydroquinone
United Kingdom	WEL TWA (mg/m ³)	0.5 mg/m ³
Norway	Local name	Hydrokinon
Norway	Grenseverdier (AN) (mg/m ³)	0.5 mg/m ³
Norway	Merknader (NO)	K A
Switzerland	Local name	Hydroquinone
Switzerland	VME (mg/m ³)	2 mg/m ³
Switzerland	VLE (mg/m ³)	2 mg/m ³
Switzerland	Remark (CH)	15 min
Australia	Local name	Hydroquinone
Australia	TWA (mg/m ³)	2 mg/m ³
USA - ACGIH	Local name	Hydroquinone
USA - ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³
USA - ACGIH	Remark (ACGIH)	Eye irr; eye dam; DSEN; A3

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

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Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment
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	: Sharp.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 200
Flash point	: 80 - 93.4 °C
Auto-ignition temperature	: 485 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: < 0.2 mm Hg
Relative vapour density at 20 °C	: ≈ 3
Relative density	: No data available
Density	: 1.05 - 1.07 g/cm ³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 1200 - 1800 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: < 2 %
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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.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.

Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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.
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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

No additional information available

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.
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SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

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Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 2 %

15.1.2. National regulations

Germany

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VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)
 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

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 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

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
 Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
 Pregnant/breastfeeding women working with the product must not be in direct contact with the product
 The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

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	Sensitisation — Skin, 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
EUH208	Contains . May produce an allergic reaction

SDS EU PROLOC

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