

MATERIAL SAFETY DATA SHEET

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

1.1 Product identifier: Trutite 919 Super Glue – Ethyl Cyanoacrylate and Hydroquinone
1.2 Intended Use: Super Glue for plastics, metals, woods, rubbers

1.3 Supplier Details:

Plumbing and Heating Distribution Ltd
2 Penrod Way
Heysham
LA3 2UZ
+441524 965100
sales@phd.ltd
www.trutite.co.uk

1.4 Emergency telephone number: 999 [United Kingdom]

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

- Category 1 – Skin sensitisation
- Category 1b – Suspected of causing cancer
- Category 2 – Skin Irritation
- Category 2 – Suspected human carcinogen
- Category 2 – Acute toxicity hazard to aquatic environment
- Category 2a – Serious Eye Irritation
- Category 3 – Respiratory
- Category 3 – Harmful to aquatic environment
- Category 4 – Flammable Liquids

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2.2 Pictograms



2.3 Signal Word

Danger

2.4 Hazard Description

H227 – Combustible liquid

H315 – Cause skin irritation

H317 – May cause an allergic skin reaction

H319 – Causes serious eye irritation

H335 – May cause respiratory irritation

H340 – May cause heritable genetic damage

H351 – Suspected of causing cancer

H401 – Toxic to aquatic life

H412 – Harmful to aquatic life with long lasting effects

2.5 Precautionary Description

P203 – Obtain, read and follow all safety instructions before use

P210 – Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking

P261 – Avoid breathing dust/fume/gas/mist/vapors/spray

P264 – Wash hands and face thoroughly after handling

P265 – Do not touch eyes

P270 – Do not eat, drink or smoke when using this product

P271 – Use only outdoors or in a well-ventilated area

P272 – Contaminated work clothing should not be allowed out of the workplace

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P273- Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection/
hearing protection

P501- Dispose of contents/container in accordance with national regulation

Section 3: Composition/ information on ingredients

3.1 Chemical characterization: Substances

Product: Consisting of the following components.

Chemical Name	CAS No.	Concentration %
Ethyl 2-cyanoacrylate liquid	7085-85-0	99.50
Hydroquinone	123-31-9	0.50

Section 4 – First Aid Measures

4.1 Description of first aid measures

General description: Show this material safety data sheet to the doctor in attendance. After receiving the first-aid measure required, consult a physician if necessary

Inhalation: If feel unwell, remove from exposure and move to fresh air immediately. If symptoms such as cough or chest tightness persist, seek medical attention promptly **Skin** contact: Rinse with plenty of water for 10-15 minutes. If irritation (redness, itching) occurs, consult a physician

Eye contact: Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. Do not rub eyes during flushing. If discomfort persists, seek medical attention **Ingestion:** Rinse mouth with water. Do not induce vomiting to avoid oesophageal injury. If feel unwell, get medical aid

Most important symptoms and effects, both acute and delayed:

No information available

4.2 Indication of any immediate medical attention and special treatment needed:

No information available

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Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use water spray, dry chemical powder, carbon dioxide, chemical foam or sand

5.2 Special hazards arising from the substance or mixture:

Nature of decomposition products not known. Difficult to ignite. In case of fire, carbon monoxide and carbon dioxide could be released into the atmosphere

Advice for firefighters

In case of fire: Wear self-contained breathing apparatus

5.3 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Danger of slipping, wear suitable footwear, wear protective equipment, ensure suitable ventilation

6.2 Environmental precautions:

Prevent entry into drains, waterways, or soil

6.3 Clean-up Procedures:

Wear appropriate personal protective equipment (as specified in Section 8) during the clean-up process

Collect spilled product carefully using suitable tools, and place the collected material into a sealed, chemically compatible container. For absorbable spills, use inert absorbents (e.g., sand, sawdust) to soak up residual product, then transfer the absorbent with spilled material to the aforementioned container. Dispose of the container and its contents in accordance with local, regional, and national waste

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management regulations [see Section 13 for details]. Avoid releasing spilled product or cleaning residues into drains, waterways, soil, or other environmental areas

6.5 Reference to other sections

See Section 7 for information on safe handling.

See Section 8

Section 7 - Handling and Storage

7.1 precautions for safe handling:

Danger of spilling product, open the container with care, avoid contact with skin and eyes

Use in a well-ventilated environment to avoid inhaling a large amount of volatile gas Advice on protection against fire and explosion : Not readily combustible.

Keep away from sources of ignition - No smoking

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a cool, well-ventilated area away from heat, sparks and open flames.

Keep container upright with lid secured

Recommended storage temperature: 10-30°C. Keep out of the reach of children and pets

7.3 Specific end use(s):

No information available

Section 8 - Exposure controls/personal protection

Occupational Exposure Limits – United Kingdom

Component	CAS Number	Workplace exposure limit	Legal basis
Ethyl 2-cyanoacrylate	7085-85-0	Short term exposure limit 0.3ppm [15 minute reference period] 1.5mg/m ³	UK.EH40/2005 WEL
Hydroquinone	123-31-9	Time weighted average (8hr) 0.5mg/m ³	UK.EH40/2005 WEL

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Ensure adequate ventilation in areas where products are stored or handled in bulk
Respiratory Protection: Wear safety mask/ appropriate PPE, if using in a confined space in large quantities, wear a N95 dust mask or other suitable respirator

Hand Protection: Wear protective gloves, it is recommended to use nitrile gloves (avoid latex), which may accelerate glue curing

Eye protection: Wear safety goggles that allow a full seal

Body protection: Wear protective working clothes

Environmental exposure controls: Control measures must comply with Community environmental protection legislation.

Other protection: Attention to personal hygiene. No eating, drinking or smoking in the workplace. Wash face and hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse

Always seek local guidance and specific site restrictions for handling the product

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Transparent liquid
Odour	Slightly pungent
pH Value	n/a
Melting Point [°C]	n/a
Boiling Point [°C]	n/a
Flash Point [°C]	>93 [closed cup]
Physical State	Liquid
Vapour Pressure	n/a
Density [g/cm ³]	~ 1.05 – 1.10 g/cm ³
Solubility in Water [g/l]	Insoluble
Other Information	n/a

9.2 Additional information:

No data available

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Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable if stored under normal conditions

10.3 Possibility of hazardous reactions

No hazardous reactions if stored properly

10.4 Conditions to avoid

High temperatures, open flames, mechanical impact and moisture

10.5 Incompatible materials

Strong oxidizers, strong acids, and strong alkalis may damage product stability or cause harmful reactions

10.6 Hazardous decomposition products

May decompose under extreme heat (>200°C) to release irritating gases (e.g., acrylic acid vapour, which is corrosive to respiratory tract) and flammable hydrocarbons

Section 11 - Toxicological Information

Acute toxicity:

No data available

1. Skin corrosion/irritation: Causes skin irritation
 2. Serious eye damage/eye irritation: Causes serious eye irritation
 3. Respiratory or skin sensitisation: May cause an allergic skin reaction; May cause respiratory irritation
 4. Germ cell mutagenicity: May cause genetic defects
 5. Carcinogenicity: Suspected of causing cancer
- CMR effects (carcinogenetic, mutagenicity and toxicity for reproduction): No information available

Section 12 - Ecological Information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

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12.2 Persistence and degradability

If accidentally leaked into water, activated carbon can be used for adsorption treatment; the product can be degraded slowly in soil (degradation period: approx. 3-6 months)

12.3 Bio accumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No further relevant information available

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose of in accordance with applicable regional and local laws and regulations.

Section 14 - Transport Information

14 Transport Information

14.1 UN Number

Mode of Transport	UN Number
Road Transport (ADR)	Not regulated
Rail Transport (RID)	Not regulated
Inland Waterway Transport (ADN)	Not regulated
Maritime Transport (IMDG)	Not regulated
Air Transport (IATA)	Not regulated

14.2 UN Proper Shipping Name

Mode of Transport	UN Proper Shipping Name
Road Transport (ADR)	Not regulated
Rail Transport (RID)	Not regulated
Inland Waterway Transport (ADN)	Not regulated
Maritime Transport (IMDG)	Not regulated
Air Transport (IATA)	Not regulated

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14.3 Hazard Class and Label 14.3.1 Hazard Class

Mode of Transport	Hazard Class
Road Transport [ADR]	Not regulated
Rail Transport [RID]	Not regulated
Inland Waterway Transport [ADN]	Not regulated
Maritime Transport [IMDG]	Not regulated
Air Transport [IATA]	Not regulated

14.3.2 Transport Label

Mode of Transport	Hazard Class
Road Transport [ADR]	No dangerous goods transport label required
Rail Transport [RID]	No dangerous goods transport label required
Inland Waterway Transport [ADN]	No dangerous goods transport label required
Maritime Transport [IMDG]	No dangerous goods transport label required
Air Transport [IATA]	No dangerous goods transport label required

14.4 Packing Group

Mode of Transport	Hazard Class
Road Transport [ADR]	Not regulated
Rail Transport [RID]	Not regulated
Inland Waterway Transport [ADN]	Not regulated
Maritime Transport [IMDG]	Not regulated
Air Transport [IATA]	Not regulated

Section 15 - Regulatory Information

European Union: 1. Complies with CLP Regulation [EC] No 1272/2008 2. Complies with relevant restriction requirements in Annex XVII of REACH Regulation

China 1. Complies with GB/T 16483-2008 "Safety Data Sheet for Chemical Products - Content and Item

United States: 1. Complies with OSHA Hazard Communication Standard [29 CFR 1910.1200] ; 2. Complies with CPSIA provisions on consumer product safety [prohibited for bonding key components of children's products]

Order" ; 2. Complies with national regulations on the transport, storage and use of hazardous substances

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Included in the REACH Candidate List of Substances of Very High Concern (SVHC) if applicable for any components.

Other countries/regions: Comply with local regulatory requirements for hazardous substances transport, storage, and use

Section 16 - Additional Information

Not applicable

DISCLAIMER

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