

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

- **1.1 Product identifier**
- **Trade name:** Superfast Plus 20 ml & 50 ml
- **Article number:** S7 501903 – 20ml & S7 501904 - 50ml
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product Use:** [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites;
[PC1] Adhesives, sealants.
- **Application of the substance / the preparation** - Cyanoacrylate
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
C-Tec N.I Limited
Unit 6 Ashtree Enterprise Park,
Rathfriland Road, Newry, Co.Down,
N. Ireland, BT34 1BY.
Email: info@ctl.com
- **Website:** www.ctl.com
- **Further information obtainable from:**
Product safety department.
msds@ctl.com
- **1.4 Emergency telephone number:**
Tel: +44(0)28 3083 4892 (Monday – Friday 9am – 5pm)
UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;
2.2. Label elements	
Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. .
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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 POISON CENTER/doctor if you feel unwell. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

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Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to hazardous waste collection point. Refer to section 13.1 for waste treatment methods.
SUPPLEMENTAL HAZARD INFORMATION	EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
2.3. Other Hazards	
Other Hazards	This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.(%/w/w)	Classification
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	607-236-00-9	7085-85-0	230-391-5	01-2119527766-29	80 - 90%	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315;
Tetrahydrofuran	603-025-00-0	109-99-9	203-726-8		0 - 0.5%	EUH019; Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H335; Care. 2: H351;

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air. Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if irritation or symptoms persist.

Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.

Skin contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Keep the affected person warm and at rest. Rinse mouth thoroughly. Drink 1 to 2 glasses of water. Seek medical attention.

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

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

Eye contact: Irritating to eyes.

Skin contact: Irritating to skin. Eczema. Itching.

Ingestion: Ingestion may cause nausea and vomiting.

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

Remove the affected person from the source of contamination immediately. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Alcohol resistant foam. Carbon dioxide (CO₂). Dry chemical.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear: Protective equipment. Self-contained breathing apparatus. Cool fire exposed containers with waterspray.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Wear suitable protective clothing, gloves and eye/face protection. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Dispose of this material and its container to hazardous or special waste collection point. Wash hands after handling the product.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection.

SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wear suitable protective clothing and gloves. Wear eye/face protection. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Do not eat, drink or smoke in areas where this product is used or stored. Wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from food, drink and animal feedingstuffs. Keep away from heat.

7.3 Specific end use(s)

Refer to Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

1,4-Dihydroxybenzene (Hydroquinone)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 8-hr limit mg/m ³ : 0.5 WEL 15 min limit mg/m ³ : - WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: 0.3 EL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 8-hr limit mg/m ³ : - WEL 15 min limit mg/m ³ : 1.5 WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:
Tetrahydrofuran	WEL 8-hr limit ppm: - WEL 15 min limit ppm: 0.3 EL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 8-hr limit mg/m ³ : - WEL 15 min limit mg/m ³ : 1.5 WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:

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8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Eye wash bottle with water
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles. In case of splashing, wear: Face shield.
Skin protection - Handprotection	Wear suitable gloves. Chemical resistant gloves (PVC). Polyvinyl chloride - PVC (Thickness 0.2mm for periods of 1 - 4 hours.Consult with glove manufacturer for breakthrough times.).
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. For short periods of work a combination of charcoal filter and particulate filter is suitable. Suitable half mask respirator with filter P2 (EN 143).
8.2.3. Environmental exposure controls	Not normally required.
Occupational exposure controls	Wash hands at the end of each shift and before eating, smoking and using the toilet. Wash skin promptly if skin becomes contaminated. Promptly remove any clothing that has become contaminated

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Odour threshold	No data available
pH	Not applicable
Melting point	No data available
Freezing Point	No data available
Initial boiling point	≈ 196 °C
Flash point	> 61 °C
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable
Vapour Flammability	Not applicable
Vapour pressure	≈ 104 Pa
Relative density	1.083 (H ₂ O = 1 @ 20 °C)
Water solubility	Not applicable
Fat Solubility	Not applicable
Partition coefficient	Not applicable
Autoignition temperature	≈ 321 °C
Oxidising properties	Not relevant

9.2. Other information

Specific gravity	= 1 g/cm ³
Bulk Density	Not determined
Softening point	Not determined
Pour point	Not relevant
Gas group	Not applicable

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SECTION 10: Stability and reactivity

10.1. Reactivity

Avoid contact with: Copper and its alloys. Peroxides. Strong acids

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

If product is contaminated and becomes unstable the product may polymerize and produce an exothermic reaction.

10.4. Conditions to avoid

Heat. Keep only in the original container at a temperature not exceeding 15 °C.

10.5. Incompatible materials

Acids. Copper and its alloys. Strong oxidising agents.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes. Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	CAUSES SKIN IRRITATION.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	H335 - May cause respiratory irritation.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	H335 - May cause respiratory irritation.
STOT-repeated exposure	No data is available on this product.
Aspiration hazard	No Significant Hazard.

11.1.4. Toxicological Information

Ethyl-2-cyanoacrylate	Oral Rat LD50: >5ml/kg
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11.1.7. Information on likely routes of exposure

Eye contact. Inhalation. Skin contact.

SECTION 12: Ecological information

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

Does not bioaccumulate.

Partition coefficient: Not applicable.

Superfast Plus Cyanoacrylate No data available

12.4. Mobility in soil

Immiscible in water.

12.5. Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

None.



Safety data sheet

according to 1907/2006/EC, Article 31

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SECTION 13: Disposal considerations

General Information

Wear protective gloves/protective clothing/eye protection/face protection. Dispose of in compliance with all local and national regulations.

Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Dispose of this material and its container to hazardous or special waste collection point.

Disposal of packaging

Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

UN-Number	The product is not classified as dangerous for carriage.
UN proper shipping name	The product is not classified as dangerous for carriage.
Transport hazard class(es)	The product is not classified as dangerous for carriage.
Packing group	The product is not classified as dangerous for carriage.
Environmental hazards	The product is not classified as dangerous for carriage.
Special precautions for user	The product is not classified as dangerous for carriage.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1272/2008 of 16th December 2008 on Classification, Labelling and Packaging of substances and mixtures. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No Chemical safety assessment has been conducted on this product.



Safety data sheet

according to 1907/2006/EC, Article 31

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SECTION 16: Other information

Acronyms

BCF: Bioconcentration factor. Biochemical oxygen demand.
COD: Chemical oxygen demand.
DMEL: Derived minimal effect level.
DNEL: Derived no-effect level.
PNEC: Predicted no-effect concentration.

Data Sources: European Chemical Agency (ECHA).

Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H335 - May cause respiratory irritation.

Other information

EUH019 - May form explosive peroxides.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Carc. 2: H351 - Suspected of causing cancer .

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.