


## 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:** SFP 501903 – 20ml & 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@ct1ltd.com](mailto:info@ct1ltd.com)
- **Website:** [www.ct1ltd.com](http://www.ct1ltd.com)
- **Further information obtainable from:**  
Product safety department.  
[info@ct1ltd.com](mailto:info@ct1ltd.com)
- **1.4 Emergency telephone number:**  
**Tel:** +44(0)28 3083 4892 (Monday – Friday 9am - 5pm)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>2.1.1. Classification - 1999/45/EC</b>	Xi; R36/37/38 Symbols: Xi: Irritant.
<b>Main hazards</b>	Irritating to eyes, respiratory system and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	EUH202; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;
<b>2.2. Label elements</b>	
<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.
<b>Precautionary Statement: Prevention</b>	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.

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<b>Precautionary Statement: Response</b>	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.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to to hazardous waste collection point. Refer to section 13.1 for waste treatment methods.
<b>SUPPLEMENTAL HAZARD INFORMATION</b>	P3 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.(%w/w)	Classification	M-factor.
Ethyl-2-cyanoacrylate (Ethylcyanoacrylate)	607-236-00-9	7085-85-0	230-391-5	01-2119527766-29	90 - 100%	Xi; R36/37/38	
1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	123-31-9	204-617-8			Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn; R22 Xi; R41 R43 N; R50	M=10

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.(%w/w)	Classification	M-factor.
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	607-236-00-9	7085-85-0	230-391-5	01-2119527766-29		Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315;	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention.

**Eye contact:** Bathe the eye with running water for 15 minutes. Seek medical attention.

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash off immediately with plenty of soap and water.

**Ingestion:** Rinse mouth thoroughly. 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:** May cause irritation to skin.

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

Eye wash bottle with water.



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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

#### 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3. Advice for firefighters

Protective equipment. Self-contained breathing apparatus. Wear suitable respiratory equipment when necessary.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind, keeping bystanders also upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent escape of liquid.

#### 6.2. Environmental precautions

Contain the spillage using bunding. Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way.

#### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point.

#### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Appropriate local exhaust ventilation is required. Avoid contact with eyes and skin. Do not handle in a confined space. Ensure adequate ventilation of the working area.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container at a temperature not exceeding 8 °C. Keep out of the reach of children.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Exposure Limit Values

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

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**8.2. Exposure controls**



**Eye / face protection**  
**Skin protection -**  
**Handprotection**  
**Skin protection -**

Safety glasses. Provide eye wash station.  
Wear suitable gloves. Wash hands after handling the product.  
Other Wear suitable protective clothing, gloves and eye/face protection.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Strong
<b>Flash point</b>	> 80 °C
<b>Upper Explosive</b>	No data available
<b>Vapour density</b>	No data available
<b>Odour threshold</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	> 149 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Lower Explosive Limit</b>	No data available
<b>Vapour pressure</b>	< 70000 Pa
<b>Relative density</b>	< 20 (H2O = 1 @ 20 °C)
<b>Water solubility</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	450 °C
<b>Viscosity</b>	= 120 mPas (Cone & Plate)
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	No data available

**9.2. Other information**

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Specific gravity</b>	= 1.05 g/cm <sup>3</sup>
<b>Softening point</b>	No data available
<b>Pour point</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	Not relevant
<b>Lead content</b>	Not relevant
<b>VOC (Volatile organic compounds)</b>	< 20 g/l



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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Avoid contact with: Water.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

Heat. Moisture.

#### 10.5. Incompatible materials

Strong acids. Strong oxidising agents. Water.

#### 10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

### SECTION 11: Toxicological information

#### 11.1.4. Toxicological Information

Superfast Plus Cyanoacrylate	Oral Rat LD50: >5000mg/kg	Dermal Rabbit LD50: >2000mg/kg
Ethyl-2-cyanoacrylate	Oral Rat LD50: >5ml/kg	

### SECTION 12: Ecological information

#### 12.2. Persistence and degradability

Readily biodegradable.

#### 12.3. Bioaccumulative potential

No observed effect concentration.

#### Partition coefficient

Superfast Plus Cyanoacrylate No data available

#### 12.4. Mobility in soil

Readily absorbed into soil.

#### 12.5. Results of PBT and vPvB assessment

Not applicable.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances.

#### Disposal methods

Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.



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### SECTION 14: Transport information

#### Hazard pictograms

· 14.1 UN-Number	UN3334
· 14.2 UN proper shipping name	AVIATION REGULATED LIQUID, N.O.S.
· 14.3 Transport hazard class(es)	
ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-
· 14.4 Packing group	-
· 14.5 Environmental hazards:	
· Environmental hazards	No
· Marine pollutant:	No
<u>ARD/RID</u>	
Hazard ID	-
<u>IMDG</u>	
EmS Code	-
<u>IATA</u>	
Packing Instruction (Cargo)	964
Maximum quantity	220 L
Packing Instruction (Passenger)	964
Maximum quantity	100 L

### SECTION 15: Regulatory information

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.

#### 15.2. Chemical safety assessment

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



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#### SECTION 16: Other information

##### Other 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.

**Revision** This document differs from the previous version in the following areas:.

2 - 2.1.2. Classification - EC 1272/2008.

15 - Precautionary Phrases.

##### Text of risk phrases in Section 3

R22 - Harmful if swallowed.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R40 - Limited evidence of a carcinogenic effect.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitisation by skin contact.

R50 - Very toxic to aquatic organisms.

R68 - Possible risk of irreversible effects.

##### 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.