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@ct1.com
- Website: www.ct1.com
- Further information obtainable from:
  Product safety department.
  msds@ct1.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

<table>
<thead>
<tr>
<th>Hazard pictograms</th>
<th>!</th>
</tr>
</thead>
</table>

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:
- 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:
- 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.

(Contd. on page 2)
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 to hazardous waste collection point. Refer to section 13.1 for waste treatment methods.

SUPPLEMENTAL HAZARD INFORMATION

2.3. 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

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

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.
SFP Superfast Plus

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

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8-hr limit ppm:</th>
<th>WEL 15 min limit ppm:</th>
<th>WEL 8-hr limit mg/m3 total - inhalable dust:</th>
<th>WEL 8-hr limit mg/m3 total - respirable dust:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,4-Dihydroxybenzene (Hydroquinone)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)</td>
<td>-</td>
<td>0.3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tetrahydrofuran</td>
<td>-</td>
<td>0.3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

(Contd. on page 4)
8.2. Exposure controls

<table>
<thead>
<tr>
<th>8.2.1. Appropriate engineering controls</th>
<th>Ensure adequate ventilation of the working area. Eye wash bottle with water</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2.2. Individual protection measures</td>
<td>Wear chemical protective clothing.</td>
</tr>
<tr>
<td>Eye / face protection</td>
<td>Approved safety goggles. In case of splashing, wear. Face shield.</td>
</tr>
<tr>
<td>Skin protection - Hand protection</td>
<td>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.).</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>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).</td>
</tr>
<tr>
<td>8.2.3. Environmental exposure controls</td>
<td>Not normally required.</td>
</tr>
<tr>
<td>Occupational exposure controls</td>
<td>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</td>
</tr>
</tbody>
</table>

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>≈ 196 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 61 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour Flammability</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>≈ 104 Pa</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.083 (H2O = 1 @ 20 °C)</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Fat Solubility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>≈ 321 °C</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not relevant</td>
</tr>
</tbody>
</table>

9.2. Other information

| Specific gravity | = 1 g/cm³ |
| 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

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

<table>
<thead>
<tr>
<th>Effect</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>H335 - May cause respiratory irritation.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>H335 - May cause respiratory irritation.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No data is available on this product.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No Significant Hazard.</td>
</tr>
</tbody>
</table>

11.1.4. Toxicological Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Oral Rat LD50:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl-2-cyanoacrylate</td>
<td>&gt;5ml/kg</td>
</tr>
</tbody>
</table>

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.
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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

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

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment
No Chemical safety assessment has been conducted on this product.
**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.
- 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.