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

- **1.1 Product identifier**
  - **Trade name:** Peel Tec 500ml
  - **Article number:** PT 740104

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - **Sector of Use**
    - SU21 Consumer uses: Private households / general public / consumers
    - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
  - **Product category** PC9a Coatings and paints, thinners, paint removers
  - **Process category**
    - PROC7 Industrial spraying
    - PROC11 Non industrial spraying
  - **Environmental release category**
    - ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
    - ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
  - **Application of the substance / the mixture** Paint remover

- **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
  - **Website:** www.ct1ltd.com
  - **Further information obtainable from:**
    - Product safety department.
    - 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**
  - **Classification according to Regulation (EC) No 1272/2008**
    - GHS02 flame
      - GHS07
        - Eye Irrit. 2 H319 Causes serious eye irritation.
        - STOT SE 3 H336 May cause drowsiness or dizziness.
        - Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**
    - The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)
Hazard pictograms

- GHS02
- GHS07

Signal word: Danger

Hazard-determining components of labelling:
- acetone
- Solvent naphtha (petroleum), light arom.
- propan-2-ol
- methanol

Hazard statements
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
- P102 Keep out of reach of children.
- P260 Do not breathe spray.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P251 Do not pierce or burn, even after use.
- P211 Do not spray on an open flame or other ignition source.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of contents/container in accordance with local regulations.

2.3 Other hazards

Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

<table>
<thead>
<tr>
<th>CAS:</th>
<th>EINECS:</th>
<th>Index number:</th>
<th>Reg.nr.:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>115-10-6</td>
<td>204-065-8</td>
<td>603-019-00-8</td>
<td>01-2119472128-37-xxxx</td>
<td>dimethyl ether</td>
</tr>
<tr>
<td>109-87-5</td>
<td>203-714-2</td>
<td>606-001-00-8</td>
<td>01-2119471330-49-xxxx</td>
<td>dimethoxymethane</td>
</tr>
<tr>
<td>67-64-1</td>
<td>200-662-2</td>
<td>605-017-00-2</td>
<td>01-2119490744-29</td>
<td>acetone</td>
</tr>
<tr>
<td>646-06-0</td>
<td>211-463-5</td>
<td></td>
<td></td>
<td>1,3-dioxolane</td>
</tr>
</tbody>
</table>
4.1 Description of first aid measures

After inhalation:
Supply fresh air; consult doctor in case of complaints.

After skin contact:
Generally the product does not irritate the skin.

After eye contact:
Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:
Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5.1 Extinguishing media

Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:
Water with full jet

5.2 Special hazards arising from the substance or mixture
No further relevant information available.

5.3 Advice for firefighters

Protective equipment:
No special measures required.

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Keep away from ignition sources.
6.2 Environmental precautions: No special measures required.
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:
Ensure adequate ventilation.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Information about fire - and explosion protection:
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Store in a cool location.
Observe official regulations on storing packagings with pressurised containers.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Compound</th>
<th>Short-term value</th>
<th>Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>115-10-6</td>
<td>dimethyl ether</td>
<td>958 mg/m³, 500 ppm</td>
<td>766 mg/m³, 400 ppm</td>
</tr>
<tr>
<td>109-87-5</td>
<td>dimethoxymethane</td>
<td>3950 mg/m³, 1250 ppm</td>
<td>3160 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>67-64-1</td>
<td>acetone</td>
<td>3620 mg/m³, 1500 ppm</td>
<td>1210 mg/m³, 500 ppm</td>
</tr>
<tr>
<td>67-63-0</td>
<td>propan-2-ol</td>
<td>1250 mg/m³, 500 ppm</td>
<td>999 mg/m³, 400 ppm</td>
</tr>
</tbody>
</table>
· Additional information: The lists valid during the making were used as basis.

<table>
<thead>
<tr>
<th>67-56-1 methanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL</td>
</tr>
<tr>
<td>Short-term value: 333 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>Long-term value: 266 mg/m³, 200 ppm</td>
</tr>
</tbody>
</table>

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
  Use only outdoors or in a well-ventilated area.
  Use suitable respiratory protective device in case of insufficient ventilation.
  Wash hands before breaks and at the end of work.
  Do not inhale gases / fumes / aerosols.
· Respiratory protection:
  Filter ABEK
· Protection of hands:
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· Material of gloves Not required.
· Penetration time of glove material Not required.
· Eye protection:
  Tightly sealed goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
· Appearance:
  Form: Aerosol
  Colour: Whitish
· Odour: Solvent-like
· Odour threshold: Not determined.
· pH-value: Not determined.
· Change in condition
  Melting point/Melting range: Undetermined.
  Boiling point/Boiling range: Not applicable, as aerosol.
· Flash point: <0 °C (<32 °F) Not applicable, as aerosol.
· Flammability (solid, gaseous): Not applicable.
· Ignition temperature: 235 °C (455 °F)
· Decomposition temperature: Not determined.
Safety data sheet
according to 1907/2006/EC, Article 31

Peel Tec

(Contd. of page 5)

\年开始

· Self-igniting: Product is not selfigniting.

· Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits:
  Lower: 2.2 Vol %
  Upper: 26.2 Vol %

· Vapour pressure at 20 °C (68 °F): 4000 hPa (3000 mm Hg)

· Density at 20 °C (68 °F): 0.794 g/cm³ (6.626 lbs/gal)

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not applicable.

· Solubility in / Miscibility with water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:
  Dynamic: Not determined.
  Kinematic: Not determined.

· Solvent content:
  Organic solvents: 88.6 %
  EU-VOC: 703.2 g/l
  EU-VOC in %: 88.57 %

· Solids content: 1.1 %

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability
  · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects
  · Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:
  115-10-6 dimethyl ether

| Inhalative   | LC50 / 4 h | 308 mg/m3 (rat) |

(Contd. on page 7)
### 109-87-5 dimethoxymethane

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>LC50 / 96 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>6950 mg/kg (mouse)</td>
<td>5700 mg/kg (rab)</td>
</tr>
<tr>
<td></td>
<td>6415 mg/kg (rabbit)</td>
<td></td>
</tr>
<tr>
<td>Inhalative</td>
<td>LD50</td>
<td>15000 mg/m3 (rat)</td>
</tr>
<tr>
<td></td>
<td>&gt;1000 mg/l (fish)</td>
<td></td>
</tr>
</tbody>
</table>

### 67-64-1 acetone

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>LC50 / 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>5800 mg/kg (rat)</td>
<td>20000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>39 mg/m3 (rat)</td>
</tr>
<tr>
<td>Inhalative</td>
<td>LC50 / 4 h</td>
<td>39 mg/m3 (rat)</td>
</tr>
</tbody>
</table>

### 646-06-0 1,3-dioxolane

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>LC50 / 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>3000 mg/kg (rat)</td>
<td>8480 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>20650 mg/m3 (rat)</td>
</tr>
<tr>
<td>Inhalative</td>
<td>LC50 / 4 h</td>
<td>20650 mg/m3 (rat)</td>
</tr>
</tbody>
</table>

### Solvent naphtha (petroleum), light arom.

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>LC50 / 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>3592 mg/kg (rat) (OECD401)</td>
<td>&gt;3160 mg/kg (rab) (OECD402)</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>&gt;6193 mg/m3 (rat)</td>
</tr>
<tr>
<td>Inhalative</td>
<td>LC50 / 4 h</td>
<td>&gt;6193 mg/m3 (rat)</td>
</tr>
</tbody>
</table>

### 67-63-0 propan-2-ol

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>LC50 / 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>5045 mg/kg (rat)</td>
<td>12800 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>30 mg/m3 (rat)</td>
</tr>
<tr>
<td>Inhalative</td>
<td>LC50 / 4 h</td>
<td>30 mg/m3 (rat)</td>
</tr>
</tbody>
</table>

### 67-56-1 methanol

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>5628 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal</td>
<td>15800 mg/kg (rabbit)</td>
</tr>
</tbody>
</table>

### 141-43-5 2-aminoethanol

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>2050 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal</td>
<td>1000 mg/kg (rabbit)</td>
</tr>
</tbody>
</table>

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
  Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
  May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

115-10-6 dimethyl ether

EC50/48 h >4000 mg/l (daphnia magna)

109-87-5 dimethoxymethane

LC50/48 h >1200 mg/l (Daphnia magna)

67-64-1 acetone

EC50/48 h 8800 mg/l (daphnia magna)

LC50/48 h 2262 mg/l (daphnia magna)

LC50/96 h (static) 5540 mg/l (fish)

Solvent naphtha (petroleum), light arom.

EC50/24 h 150 mg/l (daphnia magna)

EC50/48 h 7.4 mg/l (daphnia magna)

LC50/96 h 3.77 mg/l (fish)

67-63-0 propan-2-ol

EC50/48 h 13299 mg/l (daphnia magna)

LC50/96 h (dynamic) 4200 mg/l (fish)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

15 01 04 metallic packaging

Uncleaned packaging:

Recommendation: Non contaminated packagings may be recycled.
## SECTION 14: Transport information

<table>
<thead>
<tr>
<th>14.1 UN-Number</th>
<th>ADR, IMDG, IATA</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2 UN proper shipping name</td>
<td>ADR, IMDG, IATA</td>
<td>1950 AEROSOLS AEROSOLS AEROSOLS, flammable</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td>ADR</td>
<td>2 5F Gases 2.1</td>
</tr>
<tr>
<td>Class</td>
<td>IMDG, IATA</td>
<td>2.1</td>
</tr>
<tr>
<td>Label</td>
<td>IMDG, IATA</td>
<td>2.1</td>
</tr>
<tr>
<td>14.4 Packing group</td>
<td>ADR, IMDG, IATA</td>
<td>Void</td>
</tr>
<tr>
<td>14.5 Environmental hazards:</td>
<td>Marine pollutant:</td>
<td>No</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>Warning: Gases.</td>
<td></td>
</tr>
<tr>
<td>Danger code (Kemler):</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>EMS Number:</td>
<td>F-D,S-U</td>
<td></td>
</tr>
<tr>
<td>Stowage Code</td>
<td>SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow &quot;separated from&quot; class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.</td>
<td></td>
</tr>
<tr>
<td>Segregation Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Transport/Additional information:</td>
<td>ADR</td>
<td>1L Code: E0 Not permitted as Excepted Quantity</td>
</tr>
<tr>
<td>Limited quantities (LQ)</td>
<td>Exempted quantities (EQ)</td>
<td>2</td>
</tr>
<tr>
<td>Transport category</td>
<td>Tunnel restriction code</td>
<td>D</td>
</tr>
</tbody>
</table>

(Contd. on page 10)
Safety data sheet
according to 1907/2006/EC, Article 31

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I methanol
- Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
  H220 Extremely flammable gas.
  H225 Highly flammable liquid and vapour.
  H226 Flammable liquid and vapour.
  H280 Contains gas under pressure; may explode if heated.
  H301 Toxic if swallowed.
  H304 May be fatal if swallowed and enters airways.
  H311 Toxic in contact with skin.
  H319 Causes serious eye irritation.
  H331 Toxic if inhaled.
  H335 May cause respiratory irritation.
  H336 May cause drowsiness or dizziness.
  H370 Causes damage to organs.
  H411 Toxic to aquatic life with long lasting effects.

- Department issuing SDS: R&D legislation and regulatory advisor
- Contact: Mr. Martin McAleenan

- Abbreviations and acronyms:
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  ICAO: International Civil Aviation Organisation
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
<table>
<thead>
<tr>
<th><strong>Peel Tec</strong></th>
</tr>
</thead>
</table>

| **LC50:** Lethal concentration, 50 percent |
| **LD50:** Lethal dose, 50 percent |
| **PBT:** Persistent, Bioaccumulative and Toxic |
| **vPvB:** very Persistent and very Bioaccumulative |
| **Flam. Gas 1:** Flammable gases – Category 1 |
| **Aerosol 1:** Aerosols – Category 1 |
| **Press. Gas C:** Gases under pressure – Compressed gas |
| **Flam. Liq. 2:** Flammable liquids – Category 2 |
| **Flam. Liq. 3:** Flammable liquids – Category 3 |
| **Acute Tox. 3:** Acute toxicity – Category 3 |
| **Eye Irrit. 2:** Serious eye damage/eye irritation – Category 2 |
| **STOT SE 1:** Specific target organ toxicity (single exposure) – Category 1 |
| **STOT SE 3:** Specific target organ toxicity (single exposure) – Category 3 |
| **Asp. Tox. 1:** Aspiration hazard – Category 1 |
| **Aquatic Chronic 2:** Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 |
| **Aquatic Chronic 3:** Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 |

*Data compared to the previous version altered.*