Peel Tec

Safety data sheet
according to 1907/2006/EC, Article 31

Printing Date: 14.04.2017

Version Number 1

Revision: 14.04.2017

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

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.


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.

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· **Hazard pictograms**


GHS02 GHS07

· **Signal word** Danger

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

· **Hazard statements**
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
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:**		
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether --- Flam. Gas 1, H220 Press. Gas C, H280	25-50%
CAS: 109-87-5 EINECS: 203-714-2 Reg.nr.: 01-2119664781-31-xxxx	dimethoxymethane --- Flam. Liq. 2, H225	12.5-20%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49-xxxx	acetone --- Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	10-12.5%
CAS: 646-06-0 EINECS: 211-463-5 Index number: 605-017-00-2 Reg.nr.: 01-2119490744-29	1,3-dioxolane --- Flam. Liq. 2, H225	10-12.5%

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EC number: 918-668-5 Reg.nr.: 01-2119455851-35-xxxx	Solvent naphtha (petroleum), light arom. --- Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	5-10%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol --- Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	1-2.5%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: 01-2119433307-44-xxxx	methanol --- Flam. Liq. 2, H225 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT SE 1, H370	1-2.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **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.

SECTION 5: Firefighting measures

· **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.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Keep away from ignition sources.

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· **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.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** Protect from heat and direct sunlight.
· **7.3 Specific end use(s)** No further relevant information available.

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:**	
115-10-6 dimethyl ether	
WEL	Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm
109-87-5 dimethoxymethane	
WEL	Short-term value: 3950 mg/m³, 1250 ppm Long-term value: 3160 mg/m³, 1000 ppm
67-64-1 acetone	
WEL	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm
67-63-0 propan-2-ol	
WEL	Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm

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

67-56-1 methanol	
WEL	Short-term value: 333 mg/m³, 250 ppm Long-term value: 266 mg/m³, 200 ppm

· **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.

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· **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)

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109-87-5 dimethoxymethane		
Oral	LD50	6950 mg/kg (mouse) 5700 mg/kg (rab) 6415 mg/kg (rabbit)
Inhalative	LD50	15000 mg/m3 (rat)
	LC50 / 96 h	>1000 mg/l (fish)
67-64-1 acetone		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)
Inhalative	LC50/4 h	39 mg/m3 (rat)
646-06-0 1,3-dioxolane		
Oral	LD50	3000 mg/kg (rat)
Dermal	LD50	8480 mg/kg (rabbit)
Inhalative	LC50/4 h	20650 mg/m3 (rat)
Solvent naphtha (petroleum), light arom.		
Oral	LD50	3592 mg/kg (rat) (OECD401)
Dermal	LD50	>3160 mg/kg (rab) (OECD402)
Inhalative	LC50/4 h	>6193 mg/m3 (rat)
67-63-0 propan-2-ol		
Oral	LD50	5045 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/m3 (rat)
67-56-1 methanol		
Oral	LD50	5628 mg/kg (rat)
Dermal	LD50	15800 mg/kg (rabbit)
141-43-5 2-aminoethanol		
Oral	LD50	2050 mg/kg (rat)
Dermal	LD50	1000 mg/kg (rabbit)

· **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 (carcinogenity, 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 LC50 / 48 h LC50 / 96 h (static)	8800 mg/l (daphnia magna) 2262 mg/l (daphnia magna) 5540 mg/l (fish)
Solvent naphtha (petroleum), light arom.	
EC50 / 24 h EC50 / 48 h LC50 / 96 h	150 mg/l (daphnia magna) 7.4 mg/l (daphnia magna) 3.77 mg/l (fish)
67-63-0 propan-2-ol	
EC50 / 48 h LC50 / 96 h	13299 mg/l (daphnia magna) (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

· **14.1 UN-Number · ADR, IMDG, IATA**	UN1950
· **14.2 UN proper shipping name** · **ADR** · **IMDG** · **IATA**	 1950 AEROSOLS AEROSOLS AEROSOLS, flammable
· **14.3 Transport hazard class(es)** · **ADR**  · **Class** · **Label**	 2 5F Gases 2.1
· **IMDG, IATA**  · **Class** · **Label**	 2.1 2.1
· **14.4 Packing group** · **ADR, IMDG, IATA**	 Void
· **14.5 Environmental hazards:** · **Marine pollutant:**	 No
· **14.6 Special precautions for user** · **Danger code (Kemler): -** · **EMS Number:** · **Stowage Code** · **Segregation Code**	Warning: Gases. - F-D,S-U 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 "separated from" 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.
· **14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**	 Not applicable.
· **Transport/Additional information:** · **ADR** · **Limited quantities (LQ)** · **Excepted quantities (EQ)** · **Transport category** · **Tunnel restriction code**	 1L Code: E0 Not permitted as Excepted Quantity 2 D

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· **IMDG** · **Limited quantities (LQ)** · **Excepted quantities (EQ)**	1L Code: E0 Not permitted as Excepted Quantity
· **UN "Model Regulation":**	UN1950, AEROSOLS, 2.1

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)

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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.**