



# SPRAYLAT INTERNATIONAL

## SAFETY DATA SHEET according to Regulation (EU) 2020/878

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### Protectapeel Etch Protect 284/6

Revision 0

Revision date 2026-04-09

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

##### 1.1. Product identifier

**Product name** Protectapeel Etch Protect 284/6

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Product Use** [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC9a] Coatings and paints, thinners, paint removers; [PROC7] Industrial spraying;  
**Description** One-pack performance coatings.

##### 1.3. Details of the supplier of the safety data sheet

**Company** Spraylat International Limited  
**Address** 1 Bardsley Road  
Earlstrees Industrial Estate  
Corby  
Northamptonshire  
NN17 4AR  
United Kingdom  
**Web** www.protectapeel.co.uk  
**Telephone** +44(0)1536 408409  
**Email** enquiries@spraylat.co.uk  
**Email address of the competent person** enquiries@spraylat.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone number** +44(0)1536 408409  
9:00 am - 5:00 pm  
NPIS  
NHS 111 (England)  
NHS 24 (Scotland) or  
NHS Direct (Wales)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**2.1.2. Classification - EC 1272/2008** Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Repr. 2: H361d; STOT RE 2: H373;

##### 2.2. Label elements

**Hazard pictograms**



**Signal Word**

Danger

**Hazard Statement**

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.  
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Repr. 2: H361d - Suspected of damaging the unborn child. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .
	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. 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.
<b>Precautionary Statement: Response</b>	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P321 - Specific treatment (see on this label). P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to

## 2.3. Other hazards

<b>Other hazards</b>	This product does not contain any known or suspected endocrine disruptors.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

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## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Talc (Talc, respirable dust)		14807-96-6	238-877-9		10 - 20%	
Toluene	601-021-00-3	108-88-3	203-625-9		60 - 70%	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336;
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9		0 - 0.5%	Flam. Liq. 3: H226;
Fatty acids, C14-18 and C16-18-unsatd, maleated			288-306-2		0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317;
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7		0.5 - 1%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315;
Ethylbenzene	601-023-00-4	100-41-4	202-849-4		0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 4: H332;
Hydrocarbons C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			919-857-5		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336;
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	606-005-00-X	108-83-8	203-620-1		0 - 0.5%	Flam. Liq. 3: H226; STOT SE 3: H335;
Styrene	601-026-00-0	100-42-5	202-851-5		0 - 0.5%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315;
Methyl methacrylate	607-035-00-6	80-62-6	201-297-1		0 - 0.5%	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317;
2-Methoxypropyl acetate	607-251-00-0	70657-70-4	274-724-2		0 - 0.5%	Flam. Liq. 3: H226; Repr. 1B: H360D; STOT SE 3: H335;
n-Butyl methacrylate	607-033-00-5	97-88-1	202-615-1		0 - 0.5%	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317;

## Further information

Full text for all Hazard Statements mentioned in this section is displayed in Section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Eye contact	Rinse immediately with plenty of water.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). DO NOT INDUCE VOMITING.

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

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting.
Eye contact	May cause irritation to eyes.
Skin contact	May cause dermatitis. Causes skin irritation.
Ingestion	Harmful: possible risk of irreversible effects if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting.

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

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## 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

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

Burning may produce irritating, toxic and obnoxious fumes. Flammable liquid.

## 5.3. Advice for firefighters

Cool fire exposed containers with waterspray. Wear suitable respiratory equipment when necessary.

**SECTION 6: Accidental release measures**

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

Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Use only non-sparking tools. Wear suitable protective equipment. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.

## 6.2. Environmental precautions

Do not allow product to enter drains.

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

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Prevent further spillage if safe.

## 6.4. Reference to other sections

See section 2, 3, 8 and 13 for further information.

**SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Do not breathe gas/fumes/vapour/spray. Eliminate all sources of ignition. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 7.3. Specific end use(s)

See section 1.2 for further information.

**SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

Occupational exposure controls.

## 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	<p>WEL 8-hr limit ppm: 50</p> <p>WEL 15 min limit ppm: 100</p> <p>WEL 8-hr limit mg/m3 total - inhalable dust:</p> <p>WEL 8-hr limit mg/m3 total - respirable dust:</p> <p>ATE ORL-CAT 1- H300: -</p> <p>ATE ORL-CAT 3- H301:</p> <p>ATE DRM-CAT 1- H310:</p> <p>ATE DRM-CAT 3- H311:</p> <p>ATE INH-GAS- CAT 1- H330:</p> <p>ATE INH-GAS- CAT 3- H331:</p> <p>ATE INH-VAP- CAT 1- H330:</p> <p>ATE INH-VAP- CAT 3- H331:</p> <p>ATE INH-D/M- CAT 1- H330:</p> <p>ATE INH-D/M- CAT 3- H331:</p> <p>PNEC Aqua(Fresh):</p> <p>PNEC Sediment(Fresh):</p> <p>PNEC Soil:</p>	<p>WEL 8-hr limit mg/m3: 274</p> <p>WEL 15 min limit mg/m3: 548</p> <p>WEL 15 min limit mg/m3 total - inhalable dust:</p> <p>WEL 15 min limit mg/m3 total - respirable dust:</p> <p>ATE ORL-CAT 2- H300:</p> <p>ATE ORL-CAT 4- H302:</p> <p>ATE DRM-CAT 2- H310:</p> <p>ATE DRM-CAT 4- H312:</p> <p>ATE INH-GAS- CAT 2- H330:</p> <p>ATE INH-GAS- CAT 4- H332:</p> <p>ATE INH-VAP- CAT 2- H330:</p> <p>ATE INH-VAP CAT 4- H332:</p> <p>ATE INH-D/M- CAT 2- H330:</p> <p>ATE INH-D/M- CAT 4- H332:</p> <p>PNEC Aqua(Marine):</p> <p>PNEC Sediment(Marine):</p>
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	<p>WEL 8-hr limit ppm: 25</p> <p>WEL 15 min limit ppm: -</p> <p>WEL 8-hr limit mg/m3 total - inhalable dust:</p> <p>WEL 8-hr limit mg/m3 total - respirable dust:</p> <p>ATE ORL-CAT 1- H300: -</p> <p>ATE ORL-CAT 3- H301:</p> <p>ATE DRM-CAT 1- H310:</p> <p>ATE DRM-CAT 3- H311:</p> <p>ATE INH-GAS- CAT 1- H330:</p> <p>ATE INH-GAS- CAT 3- H331:</p> <p>ATE INH-VAP- CAT 1- H330:</p> <p>ATE INH-VAP- CAT 3- H331:</p> <p>ATE INH-D/M- CAT 1- H330:</p> <p>ATE INH-D/M- CAT 3- H331:</p> <p>PNEC Aqua(Fresh):</p> <p>PNEC Sediment(Fresh):</p> <p>PNEC Soil:</p>	<p>WEL 8-hr limit mg/m3: 148</p> <p>WEL 15 min limit mg/m3: -</p> <p>WEL 15 min limit mg/m3 total - inhalable dust:</p> <p>WEL 15 min limit mg/m3 total - respirable dust:</p> <p>ATE ORL-CAT 2- H300:</p> <p>ATE ORL-CAT 4- H302:</p> <p>ATE DRM-CAT 2- H310:</p> <p>ATE DRM-CAT 4- H312:</p> <p>ATE INH-GAS- CAT 2- H330:</p> <p>ATE INH-GAS- CAT 4- H332:</p> <p>ATE INH-VAP- CAT 2- H330:</p> <p>ATE INH-VAP CAT 4- H332:</p> <p>ATE INH-D/M- CAT 2- H330:</p> <p>ATE INH-D/M- CAT 4- H332:</p> <p>PNEC Aqua(Marine):</p> <p>PNEC Sediment(Marine):</p>
Ethylbenzene	<p>WEL 8-hr limit ppm: 100</p> <p>WEL 15 min limit ppm: 125</p> <p>WEL 8-hr limit mg/m3 total - inhalable dust:</p> <p>WEL 8-hr limit mg/m3 total - respirable dust:</p> <p>ATE ORL-CAT 1- H300: -</p> <p>ATE ORL-CAT 3- H301:</p> <p>ATE DRM-CAT 1- H310:</p> <p>ATE DRM-CAT 3- H311:</p> <p>ATE INH-GAS- CAT 1- H330:</p> <p>ATE INH-GAS- CAT 3- H331:</p> <p>ATE INH-VAP- CAT 1- H330:</p> <p>ATE INH-VAP- CAT 3- H331:</p>	<p>WEL 8-hr limit mg/m3: 441</p> <p>WEL 15 min limit mg/m3: 552</p> <p>WEL 15 min limit mg/m3 total - inhalable dust:</p> <p>WEL 15 min limit mg/m3 total - respirable dust:</p> <p>ATE ORL-CAT 2- H300:</p> <p>ATE ORL-CAT 4- H302:</p> <p>ATE DRM-CAT 2- H310:</p> <p>ATE DRM-CAT 4- H312:</p> <p>ATE INH-GAS- CAT 2- H330:</p> <p>ATE INH-GAS- CAT 4- H332:</p> <p>ATE INH-VAP- CAT 2- H330:</p> <p>ATE INH-VAP CAT 4- H332:</p>

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## 8.1.1. Exposure Limit Values

Ethylbenzene	ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Maleic anhydride	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	WEL 8-hr limit mg/m3: 1 WEL 15 min limit mg/m3: 3 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Methyl methacrylate	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	WEL 8-hr limit mg/m3: 208 WEL 15 min limit mg/m3: 416 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Mono ethylene glycol (Ethane-1,2-diol particulate)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312:

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Mono ethylene glycol (Ethane-1,2-diol particulate)	ATE INH-GAS- CAT 1- H330:  ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	ATE INH-GAS- CAT 2- H330:  ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Mono ethylene glycol (Ethane-1,2-diol vapour)	WEL 8-hr limit ppm: 20  WEL 15 min limit ppm: 40 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	WEL 8-hr limit mg/m3: 52  WEL 15 min limit mg/m3: 104 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Phthalic anhydride	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: 12 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Styrene	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 250 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 430 WEL 15 min limit mg/m3: 1080 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

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Styrene	ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Talc (Talc, respirable dust)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	WEL 8-hr limit mg/m3: 1 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Toluene	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust: ATE ORL-CAT 1- H300: - ATE ORL-CAT 3- H301: ATE DRM-CAT 1- H310: ATE DRM-CAT 3- H311: ATE INH-GAS- CAT 1- H330: ATE INH-GAS- CAT 3- H331: ATE INH-VAP- CAT 1- H330: ATE INH-VAP- CAT 3- H331: ATE INH-D/M- CAT 1- H330: ATE INH-D/M- CAT 3- H331: PNEC Aqua(Fresh): PNEC Sediment(Fresh): PNEC Soil:	WEL 8-hr limit mg/m3: 191 WEL 15 min limit mg/m3: 384 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust: ATE ORL-CAT 2- H300: ATE ORL-CAT 4- H302: ATE DRM-CAT 2- H310: ATE DRM-CAT 4- H312: ATE INH-GAS- CAT 2- H330: ATE INH-GAS- CAT 4- H332: ATE INH-VAP- CAT 2- H330: ATE INH-VAP CAT 4- H332: ATE INH-D/M- CAT 2- H330: ATE INH-D/M- CAT 4- H332: PNEC Aqua(Marine): PNEC Sediment(Marine):
Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 220 WEL 15 min limit mg/m3: 441

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## 8.1.1. Exposure Limit Values

Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
	ATE ORL-CAT 1- H300: -	ATE ORL-CAT 2- H300:
	ATE ORL-CAT 3- H301:	ATE ORL-CAT 4- H302:
	ATE DRM-CAT 1- H310:	ATE DRM-CAT 2- H310:
	ATE DRM-CAT 3- H311:	ATE DRM-CAT 4- H312:
	ATE INH-GAS- CAT 1- H330:	ATE INH-GAS- CAT 2- H330:
	ATE INH-GAS- CAT 3- H331:	ATE INH-GAS- CAT 4- H332:
	ATE INH-VAP- CAT 1- H330:	ATE INH-VAP- CAT 2- H330:
	ATE INH-VAP- CAT 3- H331:	ATE INH-VAP CAT 4- H332:
	ATE INH-D/M- CAT 1- H330:	ATE INH-D/M- CAT 2- H330:
	ATE INH-D/M- CAT 3- H331:	ATE INH-D/M- CAT 4- H332:
	PNEC Aqua(Fresh):	PNEC Aqua(Marine):
	PNEC Sediment(Fresh):	PNEC Sediment(Marine):
PNEC Soil:		

## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Flammable liquid. Avoid sparks, flames, heat and sources of ignition.
Occupational exposure controls	Do not breathe vapour or spray.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Red
<b>Odour</b>	Characteristic
<b>pH</b>	7 - 8
<b>Melting point</b>	-95 °C
<b>Freezing Point</b>	-95 °C
<b>Initial boiling point</b>	111 °C
<b>Flash point</b>	4 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Vapour pressure</b>	2900 Pa
<b>Relative Vapour Density</b>	0.0039 g/cm <sup>3</sup>
<b>Density / Relative Density</b>	0.953 (H <sub>2</sub> O = 1 @ 20 °C)
<b>Fat Solubility</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	535 °C
<b>Viscosity</b>	< 3500
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Immiscible in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Specific gravity</b>	0.953 g/cm <sup>3</sup>
<b>Gas group</b>	Not applicable.
<b>Benzene Content</b>	0 %
<b>Lead content</b>	0 %
<b>VOC (Volatile organic compounds)</b>	635 g/l

## 9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
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## 9.2.2. Other safety characteristics

	No data is available on this product.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Avoid sparks, flames, heat and sources of ignition.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Flammable liquid.
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## 10.4. Conditions to avoid

	Heat, sparks and open flames.
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## 10.5. Incompatible materials

	No data is available on this product.
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## 10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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**SECTION 11: Toxicological information****11.1 Information on hazard classes**

Acute toxicity	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	May cause sensitisation by inhalation and skin contact.
Germ cell mutagenicity	Component(s) causes damage to human organs.
Carcinogenicity	Component(s) causes damage to human organs.
Reproductive toxicity	Component(s) causes damage to human organs.
STOT-single exposure	STOT SE 3: H336 - May cause drowsiness or dizziness.
STOT-repeated exposure	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Repeated or prolonged exposure	Component(s) causes damage to human organs.

**11.1.4. Toxicological Information**

Protectapeel Etch Protect 284/6	Dermal Rat LD50: > 5000 mg/kg Dermal Rabbit LD50: > 5000 mg/kg	Oral Rat LD50: > 10000 mg/kg Inhalation Rat LC50/4 h: > 5000 mg/l
Toluene	Oral Rat LD50: 5000 mg/kg Dermal Rabbit LD50: 12124 mg/kg	Inhalation Mouse LC50/4 h: 5320 mg/l

**11.2 Information on other hazards**

	No data is available on this product.
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**SECTION 12: Ecological information****12.1. Toxicity**

	No data available
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**12.2. Persistence and degradability**

	No data is available on this product.
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**12.3. Bioaccumulative potential**

	No data is available on this product.
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**12.4. Mobility in soil**

	No data is available on this product.
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**12.5. Results of PBT and vPvB assessment**

	No data is available on this product.
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**12.6 Endocrine disrupting properties**

	This product does not contain any known or suspected endocrine disruptors.
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**12.7 Other adverse effects**

	No data is available on this product.
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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

	Dispose of in compliance with all local and national regulations.
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**General information**

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## General information

	Contact a licensed waste disposal company.
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## Disposal methods


	Dispose of this material and its container to hazardous or special waste collection point.
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## Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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## SECTION 14: Transport information

## Hazard pictograms

	
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## 14.1. UN number

	UN1263
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## 14.2. UN proper shipping name

	PAINT RELATED MATERIAL (TOLUENE)
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## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group	II
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## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## 14.6. Special precautions for user

	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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## 14.7 Maritime Transport in bulk according to IMO instruments

	No data is available on this product.
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## ADR/RID

Hazard ID	33
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-E
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## IATA

Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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).

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.

**15.2. Chemical safety assessment**

No data is available on this product.

**SECTION 16: Other information****Other information****Acronyms**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;  
 ADR - Agreement concerning the International Carriage of Dangerous Goods by Road;  
 AIIC - Australian Inventory of Industrial Chemicals;  
 ASTM -American Society for the Testing of Materials; bw - Body weight;  
 CMR - Carcinogen, Mutagen or Reproductive Toxicant;  
 DIN - Standard of the German Institute for Standardisation;  
 DSL - Domestic Substances List (Canada);  
 ECx - Concentration associated with x% response;  
 ELx - Loading rate associated with x% response;  
 EmS -Emergency Schedule;  
 ENCS - Existing and New Chemical Substances (Japan);  
 ErCx -Concentration associated with x% growth rate response;  
 GHS - Globally Harmonized System;  
 GLP - Good Laboratory Practice;  
 IARC - International Agency for Research on Cancer;  
 IATA - International Air Transport Association;  
 IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;  
 IC50 - Half maximal inhibitory concentration;  
 ICAO - International Civil Aviation Organization;  
 IECSC - Inventory of Existing Chemical Substances in China;  
 IMDG - International Maritime Dangerous Goods;  
 IMO - International Maritime Organization;  
 ISHL - Industrial Safety and Health Law (Japan);  
 ISO - International Organisation for Standardization;  
 KECI - Korea Existing Chemicals Inventory;  
 LC50 - Lethal Concentration to 50 % of a test population;  
 LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose);  
 MARPOL - International Convention for the Prevention of Pollution from Ships;  
 N.O.S. -Not Otherwise Specified;  
 NO(A)EC - No Observed (Adverse) Effect Concentration;  
 NO(A)EL - No Observed (Adverse) Effect Level;  
 NOELR - No Observable Effect Loading Rate;  
 NZIoC - New Zealand Inventory of Chemicals;

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## Other information

	<p>OECD - Organization for Economic Co-operation and Development;          OPPTS - Office of Chemical Safety and Pollution Prevention;          PBT - Persistent, Bioaccumulative and Toxic substance;          PICCS - Philippines Inventory of Chemicals and Chemical Substances;          (Q)SAR - (Quantitative) Structure Activity Relationship;          REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;          RID - Regulations concerning the International Carriage of Dangerous Goods by Rail;          SADT - Self-Accelerating Decomposition Temperature;          SDS - Safety Data Sheet;          TCSI - Taiwan Chemical Substance Inventory;          TECI - Thailand Existing Chemicals Inventory;          TSCA - Toxic Substances Control Act (United States);          UN - United Nations;          UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;          vPvB - Very Persistent and Very Bioaccumulative.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.          Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.          Skin Irrit. 2: H315 - Causes skin irritation.          STOT SE 3: H336 - May cause drowsiness or dizziness.          Repr. 2: H361d - Suspected of damaging the unborn child.          STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .          Flam. Liq. 3: H226 - Flammable liquid and vapour.          Skin Sens. 1: H317 - May cause an allergic skin reaction.          Acute Tox. 4: H312 - Harmful in contact with skin.          Acute Tox. 4: H332 - Harmful if inhaled.          STOT SE 3: H335 - May cause respiratory irritation.          Eye Irrit. 2: H319 - Causes serious eye irritation.          Repr. 1B: H360D - May damage the unborn child.</p>
<b>Maximum content of VOC</b>	635 g/l.

## General information

	<p>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.</p>
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