

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

Printing date 05.12.2016


Version number 25


Revision: 01.12.2016

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

- **1.1 Product identifier**
- **Trade name:** *ProXL® PROVEXD TEXTURED COATING BLACK 500 ML*
- **Article number:** *RTQVGZD*
- **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** *Spray varnish*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  - ProXL*
  - Second Avenue*
  - Chatham*
  - Kent*
  - ME4 5AU*
  - Tel: +44 (0)1634 823900*
  - Fax: +44 (0)1634 823909*
  - Email: info@pro-xl.co.uk*
- **Further information obtainable from:** *Department Product Safety*
- **1.4 Emergency telephone number:** *Tel: +44(0) 1634 823900 (08.00 / 17.00)*

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
- 
*GHS02 flame*
- 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.*

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- **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:

ethyl acetate  
n-butyl acetate  
butanone

## · Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

## · 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.

## · Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

## · 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: 141-78-6<br>EINECS: 205-500-4<br>Index number: 607-022-00-5<br>Reg.nr.: 01-2119475103-46      | ethyl acetate<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319; STOT SE 3, H336 | 25-50%   |
| CAS: 74-98-6<br>EINECS: 200-827-9<br>Index number: 601-003-00-5<br>Reg.nr.: 01-2119486944-21-xxxx  | propane<br>Flam. Gas 1, H220<br>Press. Gas C, H280                         | 12.5-20% |
| CAS: 123-86-4<br>EINECS: 204-658-1<br>Index number: 607-025-00-1<br>Reg.nr.: 01-2119485493-29-xxxx | n-butyl acetate<br>Flam. Liq. 3, H226<br>STOT SE 3, H336                   | 5-10%    |
| CAS: 106-97-8<br>EINECS: 203-448-7<br>Index number: 601-004-00-0<br>Reg.nr.: 01-2119474691-32-xxxx | butane<br>Flam. Gas 1, H220<br>Press. Gas C, H280                          | 5-10%    |

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|   |   |        |
|---|---|--------|
| CAS: 75-28-5<br>EINECS: 200-857-2<br>Index number: 601-004-00-0<br>Reg.nr.: 01-2119485395-27-xxxx | isobutane<br>Flam. Gas 1, H220<br>Press. Gas C, H280                  | 5-10%  |
| CAS: 78-93-3<br>EINECS: 201-159-0<br>Index number: 606-002-00-3<br>Reg.nr.: 01-2119457290-43-xxxx | butanone<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319; STOT SE 3, H336 | 5-10%  |
| CAS: 64-17-5<br>EINECS: 200-578-6<br>Index number: 603-002-00-5<br>Reg.nr.: 01-2119457610-43-xxxx | ethanol<br>Flam. Liq. 2, H225   | 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. If symptoms persist, 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:**  
CO<sub>2</sub>, 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.
- **6.2 Environmental precautions:**  
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** Ensure good ventilation/exhaustion at the workplace.

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- **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:**

##### 141-78-6 ethyl acetate

|     |   |
|-----|---|
| WEL | Short-term value: 400 ppm<br>Long-term value: 200 ppm |
|-----|---|

##### 123-86-4 n-butyl acetate

|     |   |
|-----|---|
| WEL | Short-term value: 966 mg/m <sup>3</sup> , 200 ppm<br>Long-term value: 724 mg/m <sup>3</sup> , 150 ppm |
|-----|---|

##### 106-97-8 butane

|     |   |
|-----|---|
| WEL | Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm<br>Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm<br>Carc (if more than 0.1% of buta-1.3-diene) |
|-----|---|

##### 78-93-3 butanone

|     |   |
|-----|---|
| WEL | Short-term value: 899 mg/m <sup>3</sup> , 300 ppm<br>Long-term value: 600 mg/m <sup>3</sup> , 200 ppm<br>Sk, BMGV |
|-----|---|

##### 64-17-5 ethanol

|     |  |
|-----|--|
| WEL | Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm |
|-----|--|

- **Ingredients with biological limit values:**

##### 78-93-3 butanone

|      |   |
|------|---|
| BMGV | 70 µmol/L<br>Medium: urine<br>Sampling time: post shift<br>Parameter: butan-2-one |
|------|---|

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

#### 8.2 Exposure controls

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.

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- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- **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:** Black
  - **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:** 365 °C (689 °F)
- **Decomposition temperature:** Not determined.
- **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:** 1.7 Vol %
  - **Upper:** 11.5 Vol %
- **Vapour pressure at 20 °C (68 °F):** 3500 hPa (2625 mm Hg)
- **Density at 20 °C (68 °F):** 0.792 g/cm<sup>3</sup> (6.609 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.

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- **Solvent content:**
- Organic solvents:** 80.2 %
- **EU-VOC:** 635.2 g/l
- **EU-VOC in %:** 80.20 %
- **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:**

**141-78-6 ethyl acetate**

|            |            |                              |
|------------|------------|------------------------------|
| Oral       | LD50       | 5620 mg/kg (rabbit)          |
| Dermal     | LD50       | >18000 mg/kg (rabbit)        |
| Inhalative | LC50 / 4 h | 1600 mg/m <sup>3</sup> (rat) |

**123-86-4 n-butyl acetate**

|            |            |                               |
|------------|------------|-------------------------------|
| Oral       | LD50       | 10770 mg/kg (rat)             |
| Dermal     | LD50       | >17600 mg/kg (rabbit)         |
| Inhalative | LC50 / 4 h | >21.0 mg/m <sup>3</sup> (rat) |

**106-97-8 butane**

|            |            |                                |
|------------|------------|--------------------------------|
| Inhalative | LC50 / 4 h | 658000 mg/m <sup>3</sup> (rat) |
|------------|------------|--------------------------------|

**78-93-3 butanone**

|            |            |                            |
|------------|------------|----------------------------|
| Oral       | LD50       | 2737 mg/kg (rat)           |
| Dermal     | LD50       | 6480 mg/kg (rabbit)        |
| Inhalative | LC50 / 4 h | 34 mg/m <sup>3</sup> (rat) |

**64-17-5 ethanol**

|            |            |                               |
|------------|------------|-------------------------------|
| Oral       | LD50       | 7060 mg/kg (rat)              |
| Dermal     | LD50       | >2000 mg/kg (rabbit)          |
| Inhalative | LC50 / 4 h | 20000 mg/m <sup>3</sup> (rat) |

- **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.

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- **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:

##### 141-78-6 ethyl acetate

|             |                           |
|-------------|---------------------------|
| EC50 / 24 h | 2500 mg/l (daphnia magna) |
|-------------|---------------------------|

##### 123-86-4 n-butyl acetate

|             |                               |
|-------------|-------------------------------|
| EC50 / 48 h | 44 mg/l (daphnia magna)       |
| EC50 / 96 h | 320 mg/l (algae)              |
| LC50 / 24 h | 205 mg/l (daphnia magna)      |
| LC50 / 96 h | 18 mg/l (Pimephales promelas) |

##### 64-17-5 ethanol

|             |                                     |
|-------------|-------------------------------------|
| EC50 / 24 h | >100 mg/l (daphnia magna)           |
| LC50 / 48 h | 9000 mg/l (crustacean (water flea)) |

- **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 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### · 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

|                          |        |
|--------------------------|--------|
| · <b>ADR, IMDG, IATA</b> | UN1950 |
|--------------------------|--------|

### · 14.2 UN proper shipping name

|               |                     |
|---------------|---------------------|
| · <b>ADR</b>  | 1950 AEROSOLS       |
| · <b>IMDG</b> | AEROSOLS            |
| · <b>IATA</b> | AEROSOLS, flammable |

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## · 14.3 Transport hazard class(es)

## · ADR



· Class 2 5F Gases.  
· Label 2.1

## · IMDG, IATA



· Class 2.1  
· Label 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: F-D,S-U  
· Stowage Code 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.  
· Segregation Code 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) 1L  
· Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity  
· Transport category 2  
· Tunnel restriction code D

## · IMDG

· Limited quantities (LQ) 1L  
· Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity

## · UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

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**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** None of the ingredients is listed.
- **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.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.
- **Department issuing SDS:** R&D legislation and regulatory advisor
- **Contact:** QHSE Department
- **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)  
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  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- **\* Data compared to the previous version altered.**

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