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## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.08.2019 Version number 1 Revision: 29.03.2018 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: ProXL® PLASTI COLOR AEROSOL TRAFFIC BLACK 400 ML · Article number: PC5TB · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · 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 · Application of the substance / the mixture Spray varnish  $\cdot$  1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: ProXL 1 Mantle Close Off Bingham Road, Sittingbourne ME10 3BW Kent United Kingdom 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) UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111 **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 GHS02 flame H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. Aerosol 1 GHS07 Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness. · 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) GR Page 2/10

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	(Contd. of page
Hazard p	ictograms
$\mathbf{\Lambda}$	$\wedge$
× the	
$\mathbf{\nabla}$	
GHS02	GHS07
011502	011307
Signal w	ord Danger
Hazard-a	letermining components of labelling:
acetone	
n-butyl a	cetate
butan-1-	bl
Hazard s	tatements
H222-H2	29 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
Precautio	onary statements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe spray.
P410+P4	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
Addition	al information:
EUH066	Repeated exposure may cause skin dryness or cracking.
2.3 Other	-
	f PBT and vPvB assessment
PBT: No	t applicable.

• **vPvB**: Not applicable.

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## SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

## Dangerous components:

<ul> <li>Dangerous components:</li> </ul>		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	25-<50%
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether Flam. Gas 1, H220 Press. Gas (Comp.), H280	12.5-<20%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	12.5-<20%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1, H220 Press. Gas (Comp.), H280	5-<10%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	5-<10%
	(0	Contd. on page 3)

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		(Contd. of page 2)
CAS: 106-97-8	butane	5-<10%
EINECS: 203-448-7	🚯 Flam. Gas 1, H220	-
Index number: 601-004-00-0	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119474691-32		
CAS: 75-28-5	isobutane	5-<10%
EINECS: 200-857-2	🚸 Flam. Gas 1, H220	-
Index number: 601-004-00-0	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119485395-27		
CAS: 71-36-3	butan-1-ol	<2.5%
EINECS: 200-751-6	🚸 Flam. Liq. 3, H226	-
Index number: 603-004-00-6		
Reg.nr.: 01-2119484630-38	Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335- H336	
CAS: 9004-70-0	cellulose nitrate	<2.5%
	🚸 Flam. Sol. 1, H228	-
• 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:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- $\cdot$  5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -
- · Protective equipment: Mouth respiratory protective device.

#### **SECTION 6:** Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from ignition sources. Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. 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.

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See Section 13 for disposal information.

#### **SECTION 7: Handling and storage**

· 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Keep respiratory protective device available.
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:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.

· Storage class: 2 B

• 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: 67-64-1 acetone WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm 115-10-6 dimethyl ether WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppm Long-term value: 766 mg/m<sup>3</sup>, 400 ppm 123-86-4 n-butyl acetate WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm Long-term value: 724 mg/m<sup>3</sup>, 150 ppm 108-65-6 2-methoxy-1-methylethyl acetate WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm Long-term value: 274 mg/m<sup>3</sup>, 50 ppm Sk 106-97-8 butane WEL Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm Carc (if more than 0.1% of buta-1.3-diene) 71-36-3 butan-1-ol WEL Short-term value: 154 mg/m<sup>3</sup>, 50 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:

*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.* 

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(Contd. of page 4) Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Avoid contact with the eyes. · Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. · Protection of hands: Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. · Material of gloves 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. · Penetration time of glove material Butyl rubber gloves with a thickness of 0.4 mm are resistant to: Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Eye protection: Tightly sealed goggles **SECTION 9: Physical and chemical properties** · 9.1 Information on basic physical and chemical properties · General Information

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· Appearance:		
Form:	Aerosol	
Colour:	Different according to colouring	
· Odour:	Solvent-like	
· Odour threshold:	Not determined.	
· pH-value:	Not determined.	
• Change in condition Melting point/freezing point: Initial boiling point and boiling ran	Undetermined. <b>1ge:</b> Not applicable, as aerosol.	
· Flash point:	<0 °C (<32 °F) Not applicable, as aerosol.	
· Flammability (solid, gas):	Not applicable.	
· Ignition temperature:	240 °C (464 °F)	
· Decomposition temperature:	Not determined.	
		(Contd. on page 6)

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Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
· Explosion limits:	
Lower:	1.2 Vol %
Upper:	26.2 Vol %
· Vapour pressure at 20 °C (68 °F):	4000 hPa (3000.2 mm Hg)
• Density at 20 •C (68 •F):	0.76 g/cm³ (6.34 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:	88.4 %
Water:	0.2 %
VOC (EC)	
	673.9 g/l
· VOC-EU%	88. <i>39 %</i>
Solids content:	11.3 %
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

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- · 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.
- $\cdot$  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.

67-64-1 ac	cetone		
Oral	LD50	5800 mg/kg (rat)	
Dermal	LD50	>15800 mg/kg (rabbit)	
Inhalative	LC50 / 4h	76 mg/l (rat)	
123-86-4 1	i-butyl aceta	ate	
Oral	LD50	10800 mg/kg (rat) (OECD 401)	
Dermal	LD50	>17600 mg/kg (rabbit)	
Inhalative	LC50 / 4 h	>21 mg/m3 (rat)	
		I.	(Contd. on page

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		(Contd. of page 6)			
108-65-6 2	108-65-6 2-methoxy-1-methylethyl acetate				
Oral	LD50	8530 mg/kg (rat)			
Dermal	LD50	>5000 mg/kg (rabbit)			
Inhalative	LC50/4 h	>10000 mg/m3 (rat)			
71-36-3 bu	tan-1-ol				
Oral	LD50	2292 mg/kg (rat)			
Dermal	LD50	3430 mg/kg (rabbit)			
Inhalative	LC50 / 4 h	17000 mg/m3 (rat)			
· Primary ir	· 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:

67-64-1 acetone

LC50/96h 8300 mg/l (fish)

EC50/96h 7200 mg/l (algae)

LC50 / 48 h 8450 mg/l (crustacean (water flea))

#### 115-10-6 dimethyl ether

EC50/96 h 155 mg/l (algae)

LC50/48 h >4000 mg/l (daphnia magna)

*LC50 / 96 h* >4000 mg/l (fish)

#### 108-65-6 2-methoxy-1-methylethyl acetate

EC50/48 h >500 mg/l (daphnia magna)

LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)

#### 71-36-3 butan-1-ol

LC50/96 h 1376 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 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.

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· 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:

Disposal must be made according to official regulations.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

14.1 UN-Number		
ADR, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
ADR	1950 AEROSOLS	
IMDG	AEROSOLS	
IATA	AEROSOLS, flammable	
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, IMDĞ, İATA	not regulated	
14.5 Environmental hazards:	Not applicable.	
14.6 Special precautions for user	Warning: Gases.	
Danger code (Kemler):	-	
EMS Number:	F-D,S-U	

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• Stowage Code • Segregation 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. 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.
	<i>For WASTE AEROSOLS:</i> <i>Segregation as for the appropriate subdivision of class 2.</i>
14.7 Transport in bulk according to Anne	ex II of
Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
$\cdot$ Limited quantities (LQ)	1L
$\cdot$ Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
·IMDG	
· Limited quantities (LQ)	1L
$\cdot$ Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
	Code: E0
	Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 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 None of the ingredients is listed.

- · Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- $\cdot$  Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· National regulations:

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· 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.

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H226 Flammable liquid and vapour.		
H228 Flammable solid.		
H280 Contains gas under pressure; may explode if heated.		
H302 Harmful if swallowed.		
H315 Causes skin irritation.		
H318 Causes serious eye damage.		
H319 Causes serious eye irritation.		
H335 May cause respiratory irritation.		
H336 May cause drowsiness or dizziness.		
· Department issuing SDS: R&D legislation and regulatory advisor		
· Contact: QHSE Department		
· Abbreviations and acronyms:		
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)		
VOC: Volatile Organic Compounds (USA, EU)		
LC50: Lethal concentration, 50 percent		
LD50: Lethal dose, 50 percent		
PBT: Persistent, Bioaccumulative and Toxic		
SVHC: Substances of Very High Concern		
vPvB: very Persistent and very Bioaccumulative		
Flam. Gas 1: Flammable gases – Category 1		
Aerosol 1: Aerosols – Category 1		
Press. Gas (Comp.): Gases under pressure – Compressed gas		
Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3		
Flam. Sol. 1: Flammable solids – Category 1		
Acute Tox. 4: Acute toxicity – Category 4		
Skin Irrit. 2: Skin corrosion/irritation – Category 2		
Eye Dam. 1: Serious eye damage/eye irritation – Category 1		
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.		