Page 1/11



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

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

- · 1.1 Product identifier
- · Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML
- · Article number: PROBUILDDG
- 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · 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: QHSE Department • 1.4 Emergency telephone number: Tel: +44(0) 1634 823900 (08.00 / 17.00)

+31 629058130 (24 h/d, 7 d/wk)

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 Chi	ronic 3 H412	Harmful to aquatic life with long lasting effects.
<u>Classificati</u>	on according to I	Directive 67/548/EEC or Directive 1999/45/EC
🗙 Xi; Irr	ritant	
R36:	Irritating to eyes.	
<i>F</i> +; <i>E</i>	xtremely flammal	ple
R12:	Extremely flamma	ıble.
N; Da	ngerous for the e	nvironment
R51/53:	Toxic to aquatic o	organisms, may cause long-term adverse effects in the aquatic environment.
	Repeated exposur dizziness.	e may cause skin dryness or cracking. Vapours may cause drowsiness and
		(Contd. on page 2)

Revision: 16.03.2015

(Contd. of page 1)

Page 2/11 Safety data sheet according to 1907/2006/EC, Article 31 Printing date 16.03.2015 Version number 1 Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML · Information concerning particular hazards for human and environment: The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent. Warning! Pressurised container. Has a narcotising effect. · Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data. · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS07 GHS02 · Signal word Danger · Hazard-determining components of labelling: acetone *n*-butyl acetate butan-1-ol propan-2-ol

· 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.
- 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:

(Contd. on page 3)

Page 3/11

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

CAS: 67-64-1	acetone	ntd. of page 20-25%
EINECS: 200-662-2 Index number: 606-001-00-8	Xi R36 F R11	
Reg.nr.: 01-2119471330-49-xxxx	© Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	12.5-20%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29-xxxx	n-butyl acetate R10-66-67 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-xxxx	propane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	5-10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	5-10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27-xxxx	isobutane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	5-10%
CAS: 9004-70-0	Nitrocellulose (nitrogen content <12.6%) FR11 Flam. Sol. 1, H228	2.5-5%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate Xi R36 R10 Image: R10 R10	2.5-5%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38-xxxx	butan-1-ol Xn R22 Xi R37/38-41	1-2.5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Xi R36 F R11 R67 Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	1-2.5%
CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40-xxxx	trizinc bis(orthophosphate) N R50/53 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-1%

(Contd. on page 4)

Page 4/11

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

(Contd. of page 3)

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.
- \cdot 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.
- 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.
- · 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.

(Contd. on page 5)

⁻ GB

Page 5/11

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

(Contd. of page 4)

• 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

· 8.1 Control parameters					
· Ingredients with limit values that require monitoring at the workplace:					
67-64-1 acetone					
WEL Short-term value: 3620 mg/m³, 1500 ppm					
Long-term value: 1210 mg/m ³ , 500 ppm					
115-10-6 dimethyl ether					
WEL Short-term value: 958 mg/m ³ , 500 ppm					
Long-term value: 766 mg/m ³ , 400 ppm					
123-86-4 n-butyl acetate					
WEL Short-term value: 966 mg/m ³ , 200 ppm					
Long-term value: 724 mg/m ³ , 150 ppm					
106-97-8 butane					
WEL Short-term value: 1810 mg/m³, 750 ppm					
Long-term value: 1450 mg/m ³ , 600 ppm					
Carc (if more than 0.1% of buta-1.3-diene)					
108-65-6 2-methoxy-1-methylethyl acetate					
WEL Short-term value: 548 mg/m ³ , 100 ppm					
Long-term value: 274 mg/m ³ , 50 ppm					
Sk					
71-36-3 butan-1-ol					
WEL Short-term value: 154 mg/m ³ , 50 ppm					
Sk					
67-63-0 propan-2-ol					
WEL Short-term value: 1250 mg/m³, 500 ppm					
Long-term value: 999 mg/m ³ , 400 ppm					
• Additional information: The lists valid during the making were used as basis					

• 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.
- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- Material of gloves Not required.
- Penetration time of glove material Not required.
- · Eye protection:



Tightly sealed goggles

(Contd. on page 6)

Page 6/11

*

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

(Contd. of page 5)

9.1 Information on basic physical an	d chemical properties
General Information	
Appearance:	
Form: Colour:	Aerosol
Odour:	According to product specification Characteristic
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:	$< 0 \ ^{\circ}C \ (< 32 \ ^{\circ}F)$
	Not applicable, as aerosol.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	240 °C (464 °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:	1.2 Vol %
Upper:	26.2 Vol %
Vapour pressure at 20 °C (68 °F):	4000 hPa (3000 mm Hg)
Density at 20 °C (68 °F):	0.773 g/cm ³ (6.451 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	r): Not determined.
Viscosity:	Net I down in al
Dynamic: Kinematic:	Not determined. Not determined.
Kinemalic:	Not aeterminea.
Solvent content:	
Organic solvents:	84.5 %
EU-VOC:	476.7 g/l
EU-VOC in %:	81.66 %
Solids content:	15.2 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity
- · 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.

(Contd. on page 7)

Page 7/11

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

(Contd. of page 6)

• 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: · LD/LC50 values relevant for classification: 67-64-1 acetone Oral LD50 5800 mg/kg (rat) Dermal LD50 20000 mg/kg (rabbit) Inhalative LC50 / 4 h 39 mg/m3 (rat) 115-10-6 dimethyl ether Inhalative LC50 / 4 h 308 mg/m3 (rat) 123-86-4 n-butyl acetate Oral LD50 10770 mg/kg (rat) LD50 >17600 mg/kg (rabbit) Dermal Inhalative LC50/4 h >21.0 mg/m3 (rat) 106-97-8 butane Inhalative LC50 / 4 h 658000 mg/m3 (rat) 108-65-6 2-methoxy-1-methylethyl acetate Oral LD50 8532 mg/kg (rat) LD50 >5000 mg/kg (rabbit) Dermal Inhalative LC50 / 4 h 35.7 mg/m3 (rat) 71-36-3 butan-1-ol Oral LD50 2292 mg/kg (rat) LD50 3430 mg/kg (rabbit) Dermal Inhalative LC50 / 4 h 17.76 mg/m3 (rat) 67-63-0 propan-2-ol LD50 Oral 5045 mg/kg (rat) LD50 Dermal 12800 mg/kg (rabbit) Inhalative LC50 / 4 h 30 mg/m3 (rat) 7779-90-0 trizinc bis(orthophosphate) Oral LD50 522 mg/kg (mouse) >5000 mg/kg (rat) · Primary irritant effect: • on the skin: No irritant effect. • on the eye: Irritating effect. · Sensitisation: No sensitising effects known. · Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

(Contd. on page 8)

*

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

(Contd. of page 7)

Aquatic toxicity:	
67-64-1 acetone	
EC50 / 48 h	8800 mg/l (daphnia magna)
LC50 / 48 h	2262 mg/l (daphnia magna)
LC50 / 96 h (state	<i>ic)</i> 5540 mg/l (fish)
115-10-6 dimethy	yl ether
EC50 / 48 h	>4000 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)
108-65-6 2-meth	oxy-1-methylethyl acetate
EC50	408 mg/l (daphnia magna)
71-36-3 butan-1-	ol
EC50 / 48 h	1328 mg/l (daphnia magna)
EC50 / 72 h	8500 mg/l (algae)
LC50 / 96 h	1376 mg/l (Pimephales promelas)
67-63-0 propan-2	2-ol
EC50 / 48 h	13299 mg/l (daphnia magna)
LC50 / 96 h (dyna	amic) 4200 mg/l (fish)
7779-90-0 trizinc	c bis(orthophosphate)
EC50 / 48 h	0.04 mg/l (daphnia magna)
EC50 / 72 h	0.136 mg/l (algae)
LC50/96 h	0.14 mg/l (fish)
12.2 Persistence	and degradability No further relevant information available.
	lative potential No further relevant information available.
12.4 Mobility in s Ecotoxical effect	<i>soil</i> No further relevant information available.
Remark: Toxic fo	
	gical information:
General notes:	
	uss 1 (German Regulation) (Self-assessment): slightly hazardous for water
	liluted product or large quantities of it to reach ground water, water course or sewage
system.	
	or fish and plankton in water bodies.
Toxic for aquatic	BT and vPvB assessment
PBT: Not applied	
vPvB: Not applied	
	rse effects No further relevant information available.

· 13.1 Waste treatment methods

· Recommendation

*

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

(Contd. on page 9)

GB

Page 9/11

×

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

(Contd. of page 8)

GB

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

· European waste catalogue

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

15 01 04 metallic packaging

· Uncleaned packaging:

· Recommendation: Non contaminated packagings may be recycled.

SECTION 14: Transport informat	1011	
14.1 UN-Number	101050	
ADR, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
ADR MDC	1950 AEROSOLS	
IMDG IATA	AEROSOLS AEROSOLS flammable	
	AEROSOLS, flammable	
14.3 Transport hazard class(es)		
ADR		
Class	2 5F Gases.	
Label	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	Warning: Gases.	
Danger code (Kemler):	-	
EMS Number:	F-D,S-U	
14.7 Transport in bulk according to Ann		
MARPOL73/78 and the IBC Code	Not applicable.	
Transport/Additional information:		
ADR		
Limited quantities (LQ)	1L	
Excepted quantities (EQ)	Code: E0	
Transport category	<i>Not permitted as Excepted Quantity</i> 2	
Tunnel restriction code	D	
IMDG		
Limited quantities (LQ)	1L	

Page 10/11

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

(Contd. of page 9)

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

· Excepted quantities (EQ)

Code: E0 Not permitted as Excepted Quantity

UN1950, AEROSOLS, 2.1

· UN "Model Regulation":

SECTION 15: Regulatory information

• 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

• 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.
- 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.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- R10 Flammable.
- R11 Highly flammable.
- *R12 Extremely flammable.*
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

· Department issuing MSDS: 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
- ELINUS: 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
- Flam. Gas 1: Flammable gases, Hazard Category 1
- Flam. Aerosol 1: Flammable aerosols, Hazard Category 1
- Press. Gas C: Gases under pressure: Compressed gas
- Flam. Liq. 2: Flammable liquids, Hazard Category 2

(Contd. on page 11)

GB

Page 11/11

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

Printing date 16.03.2015

Version number 1

Revision: 16.03.2015

Trade name: ProXL® PROBUILD SUPER BUILD PRIMER DARK GREY 500 ML

(Contd. of page 10)

GR

Flam. Liq. 3: Flammable liquids, Hazard Category 3 Flam. Sol. 1: Flammable solids, Hazard Category 1 Acute Tox. 4: Acute toxicity, Hazard Category 4 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3 • * Data compared to the previous version altered.