



## SAFETY DATA SHEET

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# GROUNDCOAT LIGHT BLUE.

Revision 3  
Revision date 24-Mar-2008

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** GROUNDCOAT LIGHT BLUE.

**Company** Pro-Spray Automotive Finishes Limited  
Whitehall Industrial Estate  
Cambridge Road  
Croxton  
St Neots  
PE19 6SS  
Colour@pro-spray.co.uk

**Telephone** +44 (0) 1480 880035 (US) 1.330.830.6000

**Fax** +44 (0) 1480 880108

**Emergency telephone number** Chemtrec 1-800-424-9300

**Product code** GC-6037

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
n-Butyl acetate (Butyl acetate)	40-50%	123-86-4	204-658-1	R10 R66 R67
Ethylbenzene	0.5-1%	100-41-4	202-849-4	F; R11 Xn; R20
Xylene (Xylene, o-,m-,p-or mixed isomers)	1-10%	1330-20-7	215-535-7	R10 Xn; R20/21 Xi; R38
Butan-1-ol	1-10%	71-36-3	200-751-6	R10 Xn; R22 Xi; R37/38-41 R67
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	1-10%	108-65-6	203-603-9	R10 Xi; R36
Ethylene glycol monobutyl ether (2-Butoxyethanol)	0-0.5%	111-76-2	203-905-0	Xn; R20/21/22 Xi; R36/38
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	0-0.5%	107-98-2	203-539-1	R10
Benzyl butyl phthalate	0.5-1%	85-68-7	201-622-7	Repr Cat 2; R61 Repr Cat 3; R62 N; R50/53
Methanol	0-0.5%	67-56-1	200-659-6	F; R11 T; R23/24/25-39/23/24/25
Ethanol	0-0.5%	64-17-5	200-578-6	F; R11
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom	1-10%	64742-95-6	265-199-0	Xi; R37-66 N; R51/53 R10-67
1,3,5-Trimethylbenzene	0-0.5%	108-67-8	203-604-4	R10 Xi; R37 N; R51/53
Cumene	0-0.5%	98-82-8	202-704-5	R10 Xn; R65 Xi; R37 N; R51/53
1,2,4-Trimethylbenzene	0.5-1%	95-63-6	202-436-9	R10 Xn; R20 Xi; R36/37/38 N; R51/53
titanium dioxide. (Titanium dioxide respirable)	10-20%	13463-67-7		
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	0-0.5%	108-83-8	203-620-1	R10 Xi; R37

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## 3. HAZARDS IDENTIFICATION

**Main hazards** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause harm to the unborn child. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

## 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use as appropriate: carbon dioxide (CO<sub>2</sub>). Do NOT use water jet. Cool fire exposed containers with waterspray, dry chemical, foam.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.

**Protective equipment** Self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.

**Environmental precautions** Do not allow product to enter drains. Prevent further spillage if safe.

**Clean up methods** Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not allow runoff water to enter sewers or drains. Advise local authorities if large spills cannot be contained.

## 7. HANDLING AND STORAGE

**Handling** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. In use, may form flammable/explosive vapour-air mixture. Vapours are heavier than air. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

n-Butyl acetate (Butyl acetate)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: 200	WEL 8-hr limit mg/m3: 724 WEL 15 min limit mg/m3: 966
Ethylbenzene	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 125	WEL 8-hr limit mg/m3: 441 WEL 15 min limit mg/m3: 552
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
Butan-1-ol	WEL 8-hr limit ppm: - WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 154
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 274 WEL 15 min limit mg/m3: 548
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: -
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150	WEL 8-hr limit mg/m3: 375 WEL 15 min limit mg/m3: 560
Benzyl butyl phthalate	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 5 WEL 15 min limit mg/m3: 7.9
Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250	WEL 8-hr limit mg/m3: 266 WEL 15 min limit mg/m3: 333
Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
Cumene	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: 125 WEL 15 min limit mg/m3: 250
titanium dioxide. (Titanium dioxide respirable)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: -
titanium dioxide. (Titanium dioxide respirable)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: -
titanium dioxide. (Titanium dioxide total inhalable)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 148 WEL 15 min limit mg/m3: -

### Engineering measures

Ensure adequate ventilation of the working area.

### Respiratory protection

Self-contained breathing apparatus. Wear protective clothing.

### Hand protection

Chemical resistant gloves (PVC)

### Eye protection

Approved safety goggles.

### Protective equipment

Wear chemical protective clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Flash point</b>	23~<32°C
<b>Water solubility</b>	immiscible in water.
<b>VOC (Volatile organic compounds)</b>	683 g/l

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Oxidising agents. Acids. Alkaline solution.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	No data is available on this product. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
<b>Corrosivity</b>	May cause irritation to eyes and respiratory system.
<b>Repeated or prolonged exposure</b>	May cause dermatitis.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
<b>Further information</b>	Do not allow product to enter drains.

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	Containers must be recycled in compliance with national legislation and environmental regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN</b>	1263	<b>Packing group</b>	III
<b>Class</b>	3	<b>Hazard ID</b>	33
<b>Proper Shipping Name</b>	PAINT RELATED MATERIAL .		

### IMDG

<b>UN</b>	1263	<b>Packing group</b>	III
<b>Class</b>	3	<b>Marine pollutant</b>	.
<b>EmS Code</b>	F-E S-E		


### IATA

<b>UN</b>	1263	<b>Packing group</b>	III
<b>Class</b>	3	<b>Subsidiary risk</b>	-
<b>Packing Instruction (Cargo)</b>	310	<b>Maximum quantity</b>	220 L
<b>Packing Instruction (Passenger)</b>	309	<b>Maximum quantity</b>	60 L

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## 15. REGULATORY INFORMATION

<b>Labelling</b>	The product is classified in accordance with 67/548/EEC.
<b>Symbols</b>	T - Toxic 
<b>Risk phrases</b>	R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R61 - May cause harm to the unborn child. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.
<b>Safety phrases</b>	S53 - Avoid exposure - obtain special instructions before use.

## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 2</b>	R10 - Flammable. R11 - Highly flammable. R20 - Harmful by inhalation. R20/21 - Harmful by inhalation and in contact with skin. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R36 - Irritating to eyes. R36/37/38 - Irritating to eyes, respiratory system and skin. R36/38 - Irritating to eyes and skin. R37 - Irritating to respiratory system. R37/38 - Irritating to respiratory system and skin. R38 - Irritating to skin. R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R41 - Risk of serious damage to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R61 - May cause harm to the unborn child. R62 - Possible risk of impaired fertility. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.
<b>Further information</b>	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.
<b>Revision</b>	This document differs from the previous version in the following areas: 9 - flash point.
<b>Maximum content of VOC</b>	683 g/l