



SAFETY DATA SHEET

Page 1 of 5

GROUNDCOAT BRILLIANT DEEP BLUE

Revision 0
Revision date 24-Jun-2008

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name GROUNDCOAT BRILLIANT DEEP BLUE

Company Pro-Spray Automotive Finishes Limited
Whitehall Industrial Estate
Cambridge Road
Croxtton
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-6012

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

| | Conc. | CAS | EINECS | Symbols/Risk phrases |
|--|----------|------------|-----------|--|
| 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 |
| n-Butyl acetate (Butyl acetate) | 30 - 40% | 123-86-4 | 204-658-1 | R10 R66 R67 |
| Benzyl butyl phthalate | 0.5 - 1% | 85-68-7 | 201-622-7 | Repr Cat 2; R61 Repr Cat 3; R62 N; R50/53 |
| Ethylbenzene | 0.5 - 1% | 100-41-4 | 202-849-4 | F; R11 Xn; R20 |
| 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 |
| 1-Methoxy-2-propanol (1-Methoxypropan-2-ol) | 0 - 0.5% | 107-98-2 | 203-539-1 | R10 |
| 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 |
| 2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate) | 10 - 20% | 108-65-6 | 203-603-9 | R10 Xi; R36 |
| 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 |
| Di-isobutyl ketone (2,6-Dimethylheptan-4-one) | 0 - 0.5% | 108-83-8 | 203-620-1 | R10 Xi; R37 |
| titanium dioxide. (Titanium dioxide respirable) | 1 - 10% | 13463-67-7 | | |

3. HAZARDS IDENTIFICATION

Main hazards Irritating to eyes. 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.

Print date 24-Jun-2008

GROUNDCOAT BRILLIANT DEEP BLUE

Revision 0
Revision date 24-Jun-2008

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 ₂). 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. |

GROUND COAT BRILLIANT DEEP BLUE

Revision 0
Revision date 24-Jun-2008

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

| | | |
|---|--|--|
| 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 |
| 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 |
| 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 |
| 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 |
| 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: - |
| 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 |
| 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 |
| 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 |
| 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: - |
| 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: - |

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------|
| Description | Liquid. |
| Flash point | 23~<32°C |
| Water solubility | immiscible in water. |
| VOC (Volatile organic compounds) | 689 g/l |

GROUNDCOAT BRILLIANT DEEP BLUERevision 0
Revision date 24-Jun-2008**10. STABILITY AND REACTIVITY**

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

11. TOXICOLOGICAL INFORMATION

| | |
|---------------------------------------|--|
| Acute toxicity | 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. |
| Corrosivity | May cause irritation to eyes and respiratory system. |
| Repeated or prolonged exposure | May cause dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|----------------------------|---------------------------------------|
| Ecotoxicity | No data is available on this product. |
| Further information | Do not allow product to enter drains. |

13. DISPOSAL CONSIDERATIONS

| | |
|------------------------------|--|
| General information | Dispose of in compliance with all local and national regulations. |
| Disposal of packaging | Containers must be recycled in compliance with national legislation and environmental regulations. |

14. TRANSPORT INFORMATION**ADR/RID**

| | |
|--|--------------------------|
| UN 1263 | Packing group III |
| Class 3 | Hazard ID 33 |
| Proper Shipping Name PAINT RELATED MATERIAL . | |

IMDG

| | |
|-------------------------|---------------------------|
| UN 1263 | Packing group III |
| Class 3 | Marine pollutant . |
| EmS Code F-E S-E | |


IATA

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

GROUNDCOAT BRILLIANT DEEP BLUE

Revision 0
Revision date 24-Jun-2008

15. REGULATORY INFORMATION

| | |
|-----------------------|--|
| Labelling | The product is classified in accordance with 67/548/EEC. |
| Symbols | T - Toxic  |
| Risk phrases | R36 - Irritating to eyes. 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. |
| Safety phrases | S53 - Avoid exposure - obtain special instructions before use. |

16. OTHER INFORMATION

| | |
|--|--|
| Text of risk phrases in Section 2 | R10 - Flammable. R11 - Highly flammable. R20 - Harmful by inhalation. R20/21 - Harmful by inhalation and in contact with skin. 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. 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. |
| Further information | 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. |
| Maximum content of VOC | 689 g/l |