

SAFETY DATA SHEET**Ballastic Black****1. Identification of preparation and company**

Product name	Ballastic Black
Supplier	SML Paints and Coatings The Downs South Cerney Cirencester GL7 6DD Tel: 0800 783 2318 Fax: 01285 861590 Email: info@smlpaintsandcoatings.co.uk
Emergency No	Contact National Poison Centre via Hospital
Product Use	Coatings: Solvent-borne.

2. Hazards Identification

The product is classified as dangerous according to Directive 199/45/EC and its amendments.

Flammable.

Harmful: may cause lung damage if swallowed.

Vapours may cause drowsiness and dizziness.

Repeated exposure may cause skin dryness or cracking.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



Dangerous for the environment

3. Composition/information ingredients

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name	Notes	CAS Number	EC Number	% by weight	Classification
White spirit		64742-88-7	919-446-0	20 - 30	R10 Xn; R65 R66, R67 N; R51/53
Ethanol		64-17-5	200-578-6	1 - 10	R11
See section 16 for the full text of the R-phrases declared above					

Occupational exposure limits, if available are listed in section 8.

4. First-aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

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Skin Contact	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
Ingestion	If swallowed, seek medical advice immediately and show container or label. Keep person warm and at rest. Do not induce vomiting.

5. Fire-fighting measure

Extinguishing media	Alcohol-resistant foam, CO ₂ , powders, water spray. Do not use water jet.
Recommended	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

6. Accidental release measures

Personal precautions	Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in section 7 and 8. Contain and collect the spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in container for disposal according to local regulations.
Spill	Preferably clean with detergent. Avoid using solvents.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	<p>Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapours in the air and avoid vapour concentrations higher than the occupational exposure limits.</p> <p>In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.</p> <p>To dissipate static electricity during transfer, earth drum and connect to receiving container with bonding strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.</p> <p>Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used.</p> <p>Avoid contact with skin and eyes. Avoid inhalation of dust, particulates, spray or mist arising from the application of the preparation. Avoid inhalation of dust from sanding.</p> <p>East, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>Put on appropriate personal protective equipment (see section 8).</p> <p>Never use pressure to empty. Container is not a pressure vessel.</p> <p>Always keep in container made from the same material as the original.</p> <p>Comply with the health and safety at work laws.</p> <p>When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear compressed air-fed respirator</p>
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during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

Storage Store in accordance with local regulations. Observe label precautions. Store in a dry cool and well-ventilated area. Keep away from heat and direct sunlight.
Keep away from sources of ignition. Keep away from: oxidising agents, strong alkali and strong acids.
No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not empty into drains.

8. Expose controls/personal protection

Engineering measures Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Ingredient name	Occupational Exposure Limits
Ethanol	EH40-WELs (United Kingdom (UK), 1/2005) 1920 mg/m ³ 8 hour(s). Form: All forms 1000 ppm 8 hour(s). Form: All forms
White spirit	EH40-WELs (United Kingdom (UK), 1/2005) 350 mg/m ³ 8 hour(s). Forms: All forms.

Personal protective equipment

Respiratory System If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use respiratory mask with charcoal and dust filter when spraying this product. In confined spaces, use compressed-air or fresh-air respiratory equipment. When use of roller or brush consider using charcoal filter.

Skin and body Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

Hands Wear suitable gloves. For right choice of glove material, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves.
The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

9. Physical and chemical properties

Physical state Liquid
 Odour Characteristic
 Colour Black
 Flash point Closed cup: 38°C (100.4°F)
 Viscosity > 7x10⁻⁶ m²/s
 Density 1.1 g/cm³
 Explosion limits 0.6 - 8%
 VOC < 300 gl⁻¹
 Solubility Immiscible in water

10. Stability and reactivity

Stable under recommend storage and handling condition (see section 7).

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, and strong acids.

11. Toxicological information

There is no data available on the preparation itself. The preparation had been assessed following the conventional method of the Dangerous Preparation Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 15 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory irritation and adverse effects on the kidneys, live and central nervous system. Solvents may cause some of the above effects by absorption through the skin. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage. Swallowing may cause nausea, diarrhoea, vomiting, gastro-intestinal irritation and chemical pneumonia.

12. Ecological information

There is no data available on the preparation itself.

Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for the eco-toxicological properties accordingly. See sections 3 and 15 for details.

13. Disposal considerations

Do not allow to enter drains or watercourses. Material and/or container must be disposed of as hazardous waste.

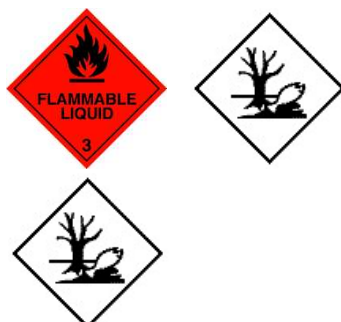
European waste 08 01 11 waste paint and varnish containing organic solvents and or other dangerous substances. If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information contact your local waste authority.

14. Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

International transport regulations

Proper shipping name	Paint
Marine pollutant	Tars, liquid
UN Number	1999
Class	3
Packing group	III
Label	



Marking

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The environmental hazardous / marine pollutant mark is only applicable for packages containing more than 5 litres for liquids and 5 kg for solids.

Additional information

ADR / RID Tunnel restriction code: (D/E)
 Hazard specification number: 30
 Special provisions: 640E

IMDG Emergency schedules (EmS): F-E, S-E
 Marine pollutant: Yes

Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulations.

15. Regulatory information

EU regulations The product is classified and labelled for supply in accordance with the Directive 1999/45/EC as follows.

Hazard symbols



Dangerous for the environment

Risk phrases: R10 – Flammable
 R20/21 – Harmful by inhalation and in contact with skin
 R36/38 – Irritating to eyes and skin
 R43 – May cause sensitisation by skin contact
 R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases S23 – Do not breathe vapour / spray
 S36/37 – Wear suitable protective clothing and gloves
 S51 – Use only in well ventilated areas

Industrial use The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product

16. Other information

CEPE classification 1

R-phrases R11 – Highly flammable
 R10 – Flammable
 R20 – Harmful by inhalation
 R22 – Harmful if swallowed
 R20/21 – Harmful by inhalation and in contact with skin
 R41 – Risk of serious damage to eyes
 R38 – Irritating to skin
 R36/38 – Irritating to eyes and skin
 R37/38 – Irritating to respiratory system and skin
 R43 – May cause sensitisation by skin contact
 R67 – Vapours may cause drowsiness and dizziness

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R50 – Very toxic to aquatic organisms

R50/51 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No. 1907/2006.

Notice to reader

The information in this SDS is based on present knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.