

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### 58.46 SML Ballastic Black

Revision 0

Revision date 2015-02-19

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

##### 1.1. Product identifier

**Product name** 58.46 SML Ballastic Black

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Product Use** [SU21] Consumer uses: Private households (= general public = consumers); [PC9a] Coatings and paints, thinners, paint removers;  
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[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC9a] Coatings and paints, thinners, paint removers;

##### 1.3. Details of the supplier of the safety data sheet

**Company Address** SML Paints and Coatings  
The Downs  
South Cerney  
Cirencester  
Glos, GL7 6DD

**Telephone** 01285 862132  
**Fax** 01285 861590  
**Email** info@smlpaints.co.uk  
**Email address of the competent person** info@smlpaints.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone number** 44(0)1270 502891  
**Company** NCEC

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**2.1.1. Classification - 67/548/EEC** Xn; R48/20 N; R51/53 R10-66-67  
**Main hazards** Symbols: Xn: Harmful. N: Dangerous for the environment.

Flammable. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**2.1.2. Classification - EC 1272/2008** EUH066; Flam. Liq. 3; H226; STOT SE 3; H336; STOT RE 1; H372; Aquatic Chronic 2; H411;

##### 2.2. Label elements

**Hazard pictograms**



**Signal Word** Danger

**Hazard Statement** EUH066 - Repeated exposure may cause skin dryness or cracking.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Flam. Liq. 3: H226 - Flammable liquid and vapour. STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
	P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do no eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P370+P378 - In case of fire: Use for extinction. P391 - Collect spillage.
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
<b>Precautionary Statement: Response</b>	
<b>Precautionary Statement: Storage</b>	P501 - Dispose of contents/container to licensed waste disposal site
<b>Precautionary Statement: Disposal</b>	
<b>Further information</b>	
	Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling = White Spirit.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White spirit)		64742-88-7	919-446-0	01-2119458049-33	20 - 30%	Xn; R48/20-65 N; R51/53 R10-66-67
Bitumen		64742-93-4	265-196-4	01-2119498270-36	20 - 30%	
Ethanol	603-002-00-5	64-17-5	200-578-6		0 - 0.5%	F; R11

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White spirit)		64742-88-7	919-446-0	01-2119458049-33	20 - 30%	EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;
Bitumen		64742-93-4	265-196-4	01-2119498270-36	20 - 30%	
Ethanol	603-002-00-5	64-17-5	200-578-6		0 - 0.5%	Flam. Liq. 2: H225;

## SECTION 4: First aid measures

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## 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Vapours inhaled in strong concentration have a narcotic effect on the central nervous system. In severe cases, may cause loss of consciousness.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin. Repeated exposure may cause skin dryness or cracking.
Ingestion	Ingestion may cause nausea and vomiting.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon oxides.
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## 5.2. Special hazards arising from the substance or mixture

	. Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## 6.4. Reference to other sections

	SECTION 13: Disposal considerations. SECTION 14: Transport information. SECTION 7: Handling and storage.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

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: -
Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White spirit)	WEL 8-hr limit ppm:  WEL 15 min limit ppm:	WEL 8-hr limit mg/m3: 350  WEL 15 min limit mg/m3:

## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear suitable respiratory equipment when necessary.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Viscous liquid.
Colour	Black
Odour	Characteristic
pH	Not applicable.
Melting point	Not relevant
Freezing Point	Not relevant
Boiling point	153 - 200 °C
Flash point	> 39 °C
Evaporation rate	Not determined
Flammability limits	Not applicable.
Vapour Flammability	Not applicable.
Upper Explosive Limit	8 %
Lower Explosive Limit	0.6 %
Vapour pressure	Not determined
Vapour density	Not determined
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	> 200 °C
Viscosity	> 500 sec. 3 mm (ISO 2431)
Oxidising	Not determined
Solubility	Insoluble in water

## 9.2. Other information

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## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.1 - 1.2 g/cm <sup>3</sup>
Gas group	Not applicable.
VOC (Volatile organic compounds)	< 300 g/l

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Oxidising agents.

## 10.4. Conditions to avoid

Heat, sparks and open flames.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	No observed effect level.
Serious eye damage/irritation	Burning feeling and temporary redness.
Respiratory or skin sensitisation	Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No data is available on this product.
STOT-repeated exposure	Components(s) may cause damage to human organs based on animal data.
Repeated or prolonged exposure	Harmful: danger of serious damage to health by prolonged exposure through inhalation. Repeated or prolonged exposure may cause dermatitis.

## 11.1.4. Toxicological Information

Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling	Inhalation Rat LC50/>13.1 h: 4 mg/kg	Oral Rat LD50: >15000 mg/kg
	Dermal Rabbit LD50: 3400 mg/kg	

## SECTION 12: Ecological information

## 12.1. Toxicity

Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling	Daphnia EC50/48h: 20.0000 mg/l	Rainbow trout LC50/96h: 10 - 30 mg/kg
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Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 12.2. Persistence and degradability

Not readily biodegradable.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

UVCB.

## 12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

## 12.6. Other adverse effects

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## 12.6. Other adverse effects

	May cause long-term adverse effects in the aquatic environment.
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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## Disposal of packaging

	After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
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## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

	UN1999
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## 14.2. UN proper shipping name

	TARS, LIQUID (Contains: Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling*)
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## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-E
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## Further information

	It is also possible to use UN 1263 Paint Related Products (3,III, (D/E).
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## SECTION 15: Regulatory information

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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Regulations</b>	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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**SECTION 16: Other information****Other information**

<b>Data sources</b>	Data extracted from individual component Safety Data Sheets.
<b>Text of risk phrases in Section 3</b>	R10 - Flammable R11 - Highly flammable. R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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>Text of Hazard Statements in Section 3</b>	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
<b>Product Subcategory</b>	One-pack performance coatings - 500 g/l.
<b>Maximum content of VOC</b>	300 g/l.
<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.