



RENOVATE ▲ REVIVE ▲ PROTECT

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## BITUMEN PAINT

Revision 1

Revision date 2022-11-18

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

#### 1.1. Product identifier

Product name	BITUMEN PAINT - BLACK
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#### 1.3. Details of the supplier of the safety data sheet

Company	Polar Specialist Coatings Ltd
Address	Road 3 Winsford Industrial Estate Winsford Cheshire United Kingdom
Email	info@polarcoatings.co.uk
Email address of the competent person	info@polarcoatings.co.uk

#### 1.4. Emergency telephone number

Emergency telephone number	+44 (0) 0161 850 0379
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### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Not classified.
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#### 2.2. Label elements

Hazard Statement	No Significant Hazard
SUPPLEMENTAL HAZARD INFORMATION	"Contains Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics" reference to be included on the product label.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Asphalt, oxidized		64742-93-4	265-196-4	01-2119498270-36	50 - 60%	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2%			918-481-9	01-2119457273-39	40 - 50%	Asp. Tox. 1: H304;

#### Further information

Aspiration hazard H304 has been eliminated due the kinematic viscosity of the product being above 20.5 mm <sup>2</sup> /s @ 40°C.
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. Drink 1 to 2 glasses of water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Inhalation	May cause dizziness and headache.
Eye contact	May cause irritation to eyes.
Skin contact	May cause degreasing of the skin.
Ingestion	Irritating to mouth, throat and stomach.

### General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Do NOT use water jet. Use foam, carbon dioxide, dry powder, sand or earth.
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### 5.2. Special hazards arising from the substance or mixture

	Carbon Dioxide & Carbon Oxides may be formed in fire conditions.
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### 5.3. Advice for firefighters

	In confined spaces, fire-fighters should wear self-contained breathing equipment apparatus and protective clothing.
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## SECTION 6: Accidental release measures

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

	Avoid contact with eyes and skin. Eliminate all sources of ignition. Wear suitable protective clothing and gloves.
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### 6.2. Environmental precautions

	Do not allow runoff water to enter sewers or drains. Do not flush into surface water. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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### 6.4. Reference to other sections

	SECTION 13: Disposal considerations. SECTION 14: Transport information. SECTION 2: Hazards identification.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Wear suitable protective clothing and gloves. Ensure adequate ventilation of the working area. When using do not eat or drink.
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### 7.2. Conditions for safe storage, including any incompatibilities

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

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## 8.2. Exposure controls

	 
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Not normally required. In case of splashing, wear: Suitable eye protection.
Skin protection - Handprotection	Wear suitable gloves.
Respiratory protection	Not normally required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Black
Odour	Mild
Initial boiling point	≥ 155 °C
Flash point	≥ 62 °C
Autoignition temperature	≥ 280 °C
Viscosity	≥ 20.5 mm <sup>2</sup> /s @ 40 °C
Solubility	Insoluble in water

### 9.2. Other information

Specific gravity	0.9 - 0.93
VOC (Volatile organic compounds)	≈ 389 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	Not reactive.
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### 10.2. Chemical stability

	Stable under normal conditions.
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### 10.3. Possibility of hazardous reactions

	Under normal conditions of storage and use, hazardous reactions will not occur.
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### 10.4. Conditions to avoid

	Heat, sparks and open flames. Keep only in the original container at a temperature not exceeding 30 °C. Do NOT allow to freeze.
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### 10.5. Incompatible materials

	Oxidising agents. Keep away from food, drink and animal feedingstuffs.
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### 10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.

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## 11.1. Information on toxicological effects

Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Aspiration hazard H304 has been eliminated due to the kinematic viscosity of the product being above 20.5 mm <sup>2</sup> /s @ 40°C.

### 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
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### 12.2. Persistence and degradability

	Not readily biodegradable.
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### 12.3. Bioaccumulative potential

	No data is available on this product.
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### 12.4. Mobility in soil

	No data is available on this product.
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### 12.5. Results of PBT and vPvB assessment

	This product does not meet the criteria for classification as PBT or vPvB.
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### 12.6. Other adverse effects

	No known significant effects or critical hazards.
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## SECTION 13: Disposal considerations

### General information

	Dispose of this material and its container to hazardous or special waste collection point. 17 03 02 bituminous mixtures other than those mentioned in 17 03 01.
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### Disposal of packaging

	Empty containers can be sent for disposal or recycling.
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## SECTION 14: Transport information

### 14.1. UN number

	The product is not classified as dangerous for carriage.
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### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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### 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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### 14.4. Packing group

	The product is not classified as dangerous for carriage.
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### 14.5. Environmental hazards

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## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

#### Regulations

This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation).

### 15.2. Chemical safety assessment

Not required.

### Further information

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.

This product does not contain SVHC's  $\geq 0.1\%$

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorisation

This product does not contain substances subject to authorisation

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

N/A.

## SECTION 16: Other information

### Other information

#### Revision

This document differs from the previous version in the following areas:

9 - 9.1. Information on basic physical and chemical properties (Appearance).

9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).

9 - 9.1. Information on basic physical and chemical properties (Flash point).

9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).

9 - 9.2. Other information (Product Subcategory).

16 - Maximum content of VOC.

#### Data sources

Data extracted from individual component Safety Data Sheets.

#### Text of Hazard Statements in Section 3

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

#### Maximum content of VOC

389 g/l.