



# MATERIAL SAFETY DATA SHEET

07/01/2015

## Black Bituminous Paint

### SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

#### 1.1 Product Identifier

**Product/Material Name** Black Bituminous Paint

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

**Product Uses**

(SU22) Professional uses: Public domain (administration, education, entertainment, services, craftsmen); (PC9a) Coatings and paints, thinners, paint removers; (PROC7) Industrial spraying; (ERC5) Industrial use resulting in inclusion into or onto a matrix;

(SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites; (PC9a) Coatings and paints, thinners, paint removers; (PROC5) Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); (ERC2) Formulation of preparations;

(SU22) Professional uses: Public domain (administration, education, Entertainment, services, craftsmen); (PC9a) Coatings and paints, Thinners, paint removers; (PROC10) Roller application or brushing; (ERC5) Industrial use resulting in inclusion into or onto a matrix;

(SU21) Consumer uses: Private households (=general public=consumers); (PC9a) Coatings and paints, thinners, paint removers, (PROC10) Roller application or brushing; (ERC8f) Wide dispersive outdoor use resulting in inclusion into or onto a matrix;

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

**Supplier:** R.K. & J. Jones Limited  
**Address:** Southery Road,  
Feltwell,  
Thetford,  
Norfolk, IP26 4EH, UK.  
**Telephone:** 01842 828101  
**Fax:** 01842 828171  
**E-mail Address:** sales@birdbrand.co.uk

#### 1.4 Emergency Telephone Number

**Emergency Number:** 44 (0) 1270 502891  
**Company** NCEC

### SECTION 2: HAZARDS IDENTIFICATION

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

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

**Main hazards**

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.  
 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.

**Precautionary Statement****Prevention**

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 not eat, drink or smoke when using this product.  
 P271 – Use only outdoors or in well-ventilated area.  
 P273 – Avoid release to the environment.  
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statement****Response**

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 CENTRE or doctor 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.

**Precautionary Statement****Storage**

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.

**Precautionary Statement****Disposal**

P501 – Dispose of contents/container to licensed waste disposal site.

**Further information**

White spirit=Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Reg. Number	Conc. (% w/w)	Classification
Bitumen		64742-93-4	265-196-4	01-2119498270-36	50-60%	
White spirit		64742-88-7	919-446-0	01-2119458049-33	40-50%	Xn;R48/20-65 N; R51/53 R10-66-67

EC 1272/2008

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White spirit		64742-88-7	919-446-0	01-2119458049-33	40-50%	EUH066;Flam liq3:H226;AspTox1:H304: STOT SE 3: H336; STOT RE 1: H372;Aquatic Chronic2:H411;

**SECTION 4: FIRST AID MEASURES****4.1. Description of first-aid measures**

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.
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.
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.
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.

**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. May cause irritation to respiratory system.
Eye Contact	May cause irritation to eyes
Skin Contact	Repeated exposure may cause skin dryness or cracking. May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.
General Information	Treat symptomatically

## SECTION 5 : FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO<sub>2</sub>), Dry chemical, foam.

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

Burning produces irritating, toxic and obnoxious fumes.

### 5.3. Advise for Fire-fighters

Wear suitable respiratory equipment when necessary.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

### 6.2. Environmental precautions

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

### 6.3. Methods and materials for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 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. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

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

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### 8.1.1. Exposure limits Values

White spirit

WEL 8-hr limit ppm:

WEL 8-hr limit mg/m<sup>3</sup>: 350

WEL 15 min limit ppm

WEL 15 min limit mg/m<sup>3</sup>:

### 8.2. Exposure controls



#### 8.2.1. Appropriate Engineering Controls

Ensure adequate ventilation of working area.

<b>8.2.2. Individual Protection Measures</b>	Wear chemical protective clothing.
Eye / Face Protection	Approved safety goggles.
Skin protection – Hand protection	Chemical resistant gloves (PVC).
Respiratory protection	Self- contained breathing apparatus. Wear protecting clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

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

State	Liquid
Colour	Black
Odour	Characteristic
pH	Not applicable
Melting Point	No data available
Freezing Point	No data available
Boiling Point	>153°C
Flash Point	>39°C
Evaporation Rate	Not determined
Flammability Limits	Not determined
Vapour Flammability	Not determined
Upper Explosive Limit	8%
Lower Explosive Limit	0.7%
Vapour Pressure	No data available
Vapour Density	No data available
Fat Solubility	Not determined
Partition coefficient	Not determined
Auto-ignition temperature	>200°C
Viscosity	>200 mPAS (cone and plate)
Solubility	Insoluble in water

### 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	0.9 – 0.94 g/cm <sup>3</sup>
Gas Group	Not applicable
Benzene Content	Not determined
Lead Content	Not applicable
VOC (Volatile organic compounds)	< 385g/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/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-single exposure	Central nervous system
STOT-repeated exposure	Components(s) may cause damage to human organs based on animal data.
Repeated/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**

White spirit	<b>Inhalation Rat LC50/&gt;13.1 h:4 mg/kg</b>	<b>Oral Rat LD50: &gt;15000 mg/kg</b>
	<b>Dermal Rabbit LD50: 3400 mg/kg</b>	

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

White spirit	<b>Daphnia EC50/48h: 20.0000 mg/l</b>	<b>Rainbow Trout LC50/96h:10-30mg/kg</b>
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**12.2 Persistence and degradability**

Not readily biodegradable

**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.

**Further information**

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

**SECTION 13: DISPOSAL CONSIDERATIONS**

General Information	Dispose of in compliance with all local and national regulations.
Disposal of packaging	After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free) Dispose of this material and its container to hazardous or special waste collection point.

**SECTION 14: TRANSPORT INFORMATION****Hazard pictograms****14.1. UN number**

UN 1999

**14.2. UN proper shipping name**

TARS, LIQUID

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

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) 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.

## SECTION 16: OTHER HEALTH AND SAFETY INFORMATION

### Other Information

<b>Text of risk phrases in</b>	R10 - Flammable.
<b>Section 3</b>	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>	EUHO66-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.
<b>Product subcategory</b>	One-pack performance coatings – 500g/l
<b>Maximum content of VOC</b>	385 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.

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