



MATERIAL SAFETY DATA SHEET

04/07/2012

New Formula Black Tar Varnish

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1 Product Identifier

Product/Material Name New Formula Black Tar Varnish

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

Product Uses [SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU19] Building and construction work; [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; [ERC5] Industrial use resulting in inclusion into or onto a matrix;

Description One-pack performance coatings containing bituminous material.

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: 01223 968282 / 01270 502891

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification – 1999/45/EC Xi; R37 N; R51/53 R10-66-67
 Symbols: Xi: Irritant. N: Dangerous for the environment.

Main hazards Flammable. Irritating to respiratory system. 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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	EC-No	REACH Registration No:	CAS-No	Conc. Weight %	Classification	Index No
White Spirit	919-446-0		64742-88-7	10-20%	Xn; R65 N; R51/53 R10-66-67	
C9 Aromatic Hydrocarbon			64742-95-6	30-40%	Xn; R65 Xi; R37 N; R51/53 R10-66-67	

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

Inhalation	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	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. 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.
General Information	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5 : FIRE FIGHTING MEASURES

5.1. Extinguishing media Carbon Oxides. Alcohol resistant 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. Evacuate personnel to safe 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.

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.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****8.1.1. Exposure limits Values**

C9 Aromatic Hydrocarbon	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m ³ : 150
	WEL 15 min limit ppm	WEL 15 min limit mg/m ³ :
White Spirit	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m ³ : 350
	WEL 15 min limit ppm	WEL 15 min limit mg/m ³ :

8.2. Exposure controls**8.2.1. Appropriate Engineering Controls**

Ensure adequate ventilation of working area.

8.2.2. Individual Protection Measures

Wear chemical protective clothing.

Eye / Face Protection

Approved safety goggles.

Skin protection –
Hand protection

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	Liquid
Colour	Black
Odour	Characteristic
Boiling Point	150°C
Flash Point	39°C
Upper Explosive Limit	7%
Lower Explosive Limit	0.6%
Viscosity	> 1200 sec. 3 mm (ISO 2431)
Solubility	Insoluble in water

9.2. Other information

Specific gravity	0.9 – 0.95 g/cm ³
VOC (Volatile organic compounds)	< 434g/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**11.4. Toxicological Information**

NF Black Tar Varnish Oral Rat LD50: >2000m/kg Dermal Rabbit LD50: > 2000mg/kg.

SECTION 12 : ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

General Information Dispose of in compliance with all local and national regulations.

Disposal methods Contact a licensed waste disposal company.

Disposal of packaging After final product withdrawal, all residues must be removed from container (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 -

ISTA 3
Subsidiary -

14.4. Packing Group

Packing Group III

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

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 Chemical Agency, amending Directive 1999/45/EC and repealing Council Directive 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.

Labelling**Symbols**

The product is classified in accordance with 67/548/EEC.
N: Dangerous for environment.

**Risk phrases**

R10 – Flammable
R37 – Irritating to respiratory system.
R51/53 – Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R66 – Repeated exposure may cause skin dryness or cracking.
R67 – Vapours may cause drowsiness and dizziness.

Safety phrases

S29 – Do not empty into drains.

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION**Other Information****Text of risk phrases in Section 3**

R10 - Flammable.
R37 – Irritating to respiratory system.
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.

Product subcategory

One-pack performance coatings – 500g/l

Maximum content of VOC

434 g/l

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.