



**MATERIAL  
SAFETY  
DATA SHEET**  
*Revised 17<sup>th</sup> June 2004*

**BLACK BITUMINOUS PAINT**

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

**Product/Material:** Black Bitumen Paint BS 3416 Type II  
**Product Description:** Bitumen paint in white spirit  
**Chemical Name and Synonyms:** Bitumen-Based surface coating  
**Chemical Family:**  
**Manufacturer:** R.K. & J. Jones Limited  
**Address:** Southery Road, Feltwell, Thetford, Norfolk, IP26 4EH, UK.  
**Emergency Telephone No (UK):** 01842 828101

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

Component	%	CAS No.	OEL(sol)	MEL
White Spirit.	42-45%	64742-82-1	600mg/m <sup>3</sup>	(8hr TWA)
Bitumen (containing aromatic oils)	55-58%	64742-93-4		

**SECTION 3: HAZARDS IDENTIFICATION**

**Inhalation:** Excessive inhalation can cause nausea, headache, intoxication and unconsciousness.  
**Ingestion:** May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain.  
**Skin Contact:** Prolonged contact will defat and dry the skin and may lead to irritation and dermatitis.  
**Eye Contact:** Will cause intense smarting and irritation.

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. Give oxygen/artificial respiration if needed. CONSULT DOCTOR.  
**Ingestion:** DO NOT INDUCE VOMITING. Give plenty of milk or water. CONSULT DOCTOR.  
**Eye Contact:** Flush with copious clean water minimum 15 minutes ensure thorough irrigation. CONSULT DOCTOR.  
**Skin Contact:** Remove contaminated clothing. Apply proprietary skin cleaner then wash with copious soap and water. Apply skin cream.

**SECTION 5 : FIRE FIGHTING MEASURES**

**Extinguishing Media:** Dry powder, CO<sub>2</sub>, Earth, Sand, Foam. DO NOT USE WATER  
**Special Fire Fighting procedures:** Wear self contained breathing apparatus, full protective clothing. Spray drums with water to keep cool.  
**Unusual Fire & Explosion Hazards:** Vapour is heavier than air. Combustion produces toxic gases.

## SECTION 6: ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS

### Steps to be taken in case material is released or spilled:

Absorb onto inert material, e.g. sand, earth. Put into suitable containers. Prevent from entering water courses.

## SECTION 7 : HANDLING AND STORAGE

**Precautions for Safe Handling:** Keep in tightly closed container in cool dry area from all sources of ignition.

**Other precautions:** Store away from oxidising agents, peroxides, foodstuffs.

## SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection (Type):** Self contained breathing apparatus if in enclosed spaces. Otherwise, not normally required.

### Ventilation

**Local Exhaust:**

Ensure adequate ventilation to comply with OEL.

**Protective Gloves:**



Rubber, PVC

**Eye Protection:**



Safety goggles

Long sleeved overalls.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

<b>Appearance:</b>	Black mobile liquid.
<b>Odour:</b>	Paint like
<b>pH:</b>	N/A
<b>Boiling Point/Boiling Range©:</b>	Above 150°C
<b>Specific Gravity:</b>	0.90-0.93
<b>Vapour Pressure (MM Mercury):</b>	2.400 (20°C) Solvent.
<b>Vapour Density (air=1):</b>	
<b>Melting Point/Freezing Point:</b>	N/A
<b>Water Solubility:</b>	Insoluble
<b>Viscosity:</b>	Thin liquid
<b>Percentage Volatile by Volume(%):</b>	42-45%.
<b>Evaporation Rate (Butyl Acetate=1):</b>	.19
<b>Flash Point ©/Method Used:</b>	Above 32°C (Abel CC)
<b>Lower Explosive Limits:</b>	0.6%
<b>Upper Explosive Limits:</b>	8.0%

## SECTION 10 : STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** High temperatures

**Incompatibility/Materials to Avoid:** Oxidising agents, strong acids, Alkalis, halogens.

**Hazardous Decomposition Products:** Combustion produces toxic gases.

**Hazardous Polymerisation:** Will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

LD50/oral/rat = 5000mg/kg (white spirit)

## SECTION 12 : ECOLOGICAL INFORMATION

White Spirit is a Marine Pollutant

## SECTION 13: DISPOSAL CONSIDERATIONS

Incinerate or landfill according to local regulations.

## SECTION 14 : TRANSPORT INFORMATION

<b>UN Number:</b>	1263
<b>RID-ADR:</b>	Class 3
<b>Packing Group:</b>	III
<b>HI:</b>	30

## SECTION 15 : REGULATORY INFORMATION

### Risk & Safety Phrases

<b>R10:</b>	Flammable.
<b>R40/21</b>	<b>Harmful</b> -Possible risk of irreversible effects in contact with skin.
<b>R51/53</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
<b>S24:</b>	Avoid contact with skin
<b>S36/37/39:</b>	Wear suitable protective clothing, gloves and eye/face protection.

## SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION



### Supply symbol:

Recommended uses and restrictions: See below

Source of key information used to compile SDS, CHIP regulations 1994. EH40

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

**Note:** The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

*Our Ref: BBP/CBC/JUN 04*

*Revision Date: 22/06/04*