



**MATERIAL  
SAFETY  
DATA SHEET**  
*Revised 15<sup>th</sup> March 2005*

## **ROOFING COMPOUND**

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

**Product/Material:** ROOFING COMPOUND  
**Product Description:**  
**Trade Name:** Bituminous Cutback  
**Company:** R.K. & J. Jones Limited  
**Address:** Southery Road, Feltwell, Thetford, Norfolk, IP26 4EH, UK.  
**Telephone:** 01842 828101  
**Fax:** 01842 828171  
**Emergency Telephone:** 01842 828101

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

<b>Component</b>	<b>%</b>	<b>CAS No.</b>	<b>Risk phrases</b>	<b>Symbols</b>
White Spirit	35-40%	64742-82-1	R10,51/53, 65,66	Xn, N
Bitumen	20-30%	64742-93-4		

### **SECTION 3: HAZARDS IDENTIFICATION**

**Effects of Inhalation:** Excessive inhalation can cause nausea, Headache, intoxication and unconsciousness.

**Effects of Ingestion:** May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain.

**Effects of Skin contact:** Prolonged contact will defat and dry skin and may lead to irritation and dermatitis.

**Effects of 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.

**Skin Contact:** Remove contaminated clothing. Apply proprietary Skin cleanser, then wash with copious soap and water. Apply skin cream.

**Eye Contact:** Flush with copious clean water, minimum 15 minutes also ensure thorough irrigation. CONSULT DOCTOR.

**Ingestion:** DO NOT INDUCE VOMITING. Give plenty of milk or water. CONSULT DOCTOR

## SECTION 5 : FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Dry powder, CO <sub>2</sub> , Earth, Sand, Foam. DO NOT USE WATER
<b>Special Fire Fighting procedures:</b>	Wear self contained breathing apparatus, full protective clothing. Spray drums with water to keep cool.
<b>Unusual Fire &amp; Explosion Hazards:</b>	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 to be taken in handling and storage:

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.

**Mechanical (General):**

**Other:**

**Protective Gloves:**



Rubber/PVC

**Eye Protection:**



Safety goggles

**Other Protective Equipment:**

Long sleeved overalls and suitably closed footwear. Apply barrier cream prior to handling.

**Occupational Exposure Standard:** OEL sol 600 mg/m<sup>3</sup> (8 hour TWS) EH40 (UK)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

<b>Appearance:</b>	Viscous fibrated liquid.
<b>Colour:</b>	Black
<b>Odour:</b>	Paint like
<b>Boiling Point/Boiling Range °C:</b>	Above 150°C
<b>Specific Gravity:</b>	0.98-1.10g/ml @ 20°C
<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>	Thick liquid
<b>Percentage Volatile by Volume(%):</b>	35-40%.
<b>Evaporation Rate (Butyl Acetate=1):</b>	0.19
<b>Flash Point °C /Method Used:</b>	39°C (Abel CC)
<b>Lower Explosive Limits:</b>	0.6%
<b>Upper Explosive Limits:</b>	8.0%

## SECTION 10 : STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	High temperatures
<b>Incompatibility/Materials to Avoid:</b>	Oxidising agents, strong acids, Alkalis, halogens.
<b>Hazardous Decomposition Products:</b>	Combustion produces toxic gases including Carbon Dioxide and Carbon Monoxide.
<b>Hazardous Polymerisation:</b>	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

<b>Product Disposal:</b>	Incinerate or landfill according to local regulations.
<b>Packaging Disposal:</b>	Completely empty the packaging and treat as above.

## SECTION 14 : TRANSPORT INFORMATION

<b>UN Number:</b>	1263 Paint Product
<b>ADR:</b>	3.31 (c)
<b>Packing Group:</b>	III
<b>HI:</b>	30
<b>Other:</b>	Can also be given UN number <b>UN 1999 Bitumen Cutback.</b>

## SECTION 15 : REGULATORY INFORMATION

### Risk & Safety Phrases

<b>R10:</b>	Flammable.
<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:



Experts consider white spirit to be R51/53. It has therefore been labelled accordingly.

The producer of the bitumen used in the manufacture of this product has declared that solutions/cutback prepared using their bitumen do not have to be labelled with the R40 Risk Phrase, and the labelling requirements should be determined by the nature of the solvent used.

**This safety data sheet conforms to EC Directive 91/155/EEC, as amended by 93/112/EC)**

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.

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