



**MATERIAL
SAFETY
DATA SHEET**
24th August 2012

ROOFING FELT ADHESIVE

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1 Product Identifier

Product Name: Roofing Felt Adhesive

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

Product Use: (SU22) Professional uses: Public domain (administration, education, entertainment, services, craftsmen) [SU19] Building and construction work; [PC1] Adhesives, sealants, [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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1 Classification - N; R51/53 R10-66-67

1999/45/EC Symbols: N: Dangerous for the environment.

Main Hazards Flammable. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. 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 | Index Number: | CAS Number | EC Number | Conc. (%w/w) | Classification |
|---------------|---------------|------------|-----------|--------------|---------------------------|
| White Spirit | | 64742-88-7 | 919-446-0 | 30-40% | Xn,R65 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, see 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**

| | |
|---------------------|--|
| General Information | Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment. |
|---------------------|--|

6.2. Environmental precautions

| | |
|---------------------|---|
| General Information | Do not allow product to enter drains. Prevent further spillage if safe. |
|---------------------|---|

6.3. Methods and materials for containment and cleaning up

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|-------------------------|---|
| Methods for 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 Limit Values**

| | | |
|---|--|--|
| CBC 58/38 BV02 Felt Adhesive (CBC 58/39 BV04 Bitumen Primer) | WEL 8-hr limit ppm: WEL 15 min limit ppm: | WEL 8-hr limit mg/m ³ : 350 WEL 15 min limit mg/m ³ : |
|---|--|--|

8.2. Exposure controls**8.2.1 Appropriate engineering controls:**

Ensure adequate ventilation of the working area.

8.2.2 Individual protection measures:

| | |
|-------------------------------|---|
| Eye/face protection | Wear chemical protective clothing. Approved safety goggles |
| Skin/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 | 8% |
| Lower Explosive Limit | 0.6% |
| Vapour density | >1g/cm ³ |
| Viscosity | >1000 sec. 3mm (ISO 2431) |
| Solubility | Immiscible in water |

9.2 Other Information

| | |
|---|-------------------------------|
| Specific Gravity | 0.92 – 0.96 g/cm ³ |
| VOC (Volatile organic compounds) | <283 g/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**11.1.4 Toxicological Information:**

No data available.

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

No data available.

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 Methods: Contact a licensed waste disposal company.

Disposal of packaging: Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free) Empty containers can be sent for disposal or recycling.

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 III

14.5. Environmental hazards

| | |
|------------------------------------|----------|
| Environmental hazards | Yes |
| Marine Pollutant | Yes |
| ADR/RID | |
| Tunnel Category | (D/E) |
| Hazard ID | 30 |
| IMDG | |
| EmS No. | F-E, S-E |
| IATA | |
| Packaging Instruction (Cargo) | 336 |
| Maximum quantity | 220 L |
| Packing Instruction (passenger) | 355 |
| Maximum quantity | 60 L |

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

COMMISSION REGULATION (UE) No 453/2010 of May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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 Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN 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 (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 the environment.

**Risk Phases**

R10 – Flammable.
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.

Safety Phases

S29 – Do not empty into drains.
S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 16: OTHER HEALTH AND SAFETY INFORMATION**Other Information**

Text of risk phases in Section R10 - Flammable
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.

Maximum content of VOC 283 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. The 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 on in any other process.

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