



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

RIW 06: RIW Heviseal

Revision 0
Revision date 2012-02-07

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	RIW 06: RIW Heviseal
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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); [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; ----- [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;
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1.3. Details of the supplier of the safety data sheet

Company	RIW Limited
Address	Arc House Terrace Road South Binfield, Bracknell Berkshire RG42 4PZ
Web	www.riw.co.uk
Telephone	01344 397788
Fax	01344 862010
Email	enquiries@riw.co.uk

1.4. Emergency telephone number

Emergency telephone number	44(0)1270 502891
Company	NCEC

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	N; R51/53 R10-66-67 Symbols: N: Dangerous for the environment.
Main hazards	Flammable. 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	Index No.	CAS No.	EC No.	REACH Registration 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

RIW 06: RIW Heviseal

Revision 0

Revision date 2012-02-07

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: Firefighting measures

5.1. Extinguishing media

	Carbon oxides. Alcohol resistant foam.
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5.2. Special hazards arising from the substance or mixture

	. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material 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.
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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.
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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.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

RIW 06: RIW Heviseal (RIW 01: RIW Liquid Asphaltic Composition)	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3: 441
	WEL 15 min limit ppm: 125	WEL 15 min limit mg/m3: 552

8.2. Exposure controls

RIW 06: RIW Heviseal

Revision 0

Revision date 2012-02-07

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

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	Viscous liquid.
Colour	Black
Odour	Characteristic
Boiling point	> 150 °C
Flash point	> 40 °C
Upper Explosive Limit	8 %
Lower Explosive Limit	0.6 %
Viscosity	> 1000 sec. 3 mm (ISO 2431)
Solubility	Insoluble in water

9.2. Other information

Specific gravity	1 - 1.2 g/cm ³
VOC (Volatile organic compounds)	≤ 370 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

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

General information

Dispose of in compliance with all local and national regulations.

Disposal of packaging

RIW 06: RIW Heviseal

Revision 0

Revision date 2012-02-07

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

UN1999

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

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	60 L

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 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 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),
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RIW 06: RIW Heviseal


Revision 0

Revision date 2012-02-07

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

	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.
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Labelling

Symbols	The product is classified in accordance with 67/548/EEC. N: Dangerous for the environment. 
Risk phrases	R10 - Flammable. 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 information

Other information

Text of risk phrases in Section 3	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.
Product Subcategory	One-pack performance coatings - 500 g/l.
Maximum content of VOC	370 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.
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