



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## RIW / 26: RIW Screedsafe Primer

Revision 0

Revision date 2014-11-26

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

#### 1.1. Product identifier

Product name RIW / 26: RIW Screedsafe Primer

#### 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; [ERC8f] Wide dispersive outdoor use resulting in inclusion into or onto a matrix;

#### 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  
Email address of the competent person enquiries@riw.co.uk

#### 1.4. Emergency telephone number


Emergency telephone number 01344 397788  
Company RIW Limited  
0800 - 1700 Monday - Friday

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC Xn; R48/20 N; R51/53 R10-66-67  
Symbols: Xn: Harmful. N: Dangerous for the environment.  
Main hazards Flammable. Harmful: danger of serious damage to health by prolonged exposure through inhalation. 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.  
2.1.2. Classification - EC 1272/2008 EUH066; Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;

#### 2.2. Label elements

Hazard pictograms 

Signal Word Danger

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## 2.2. Label elements

<b>Hazard Statement</b>	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
<b>Precautionary Statement: Prevention</b>	P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P370+P378 - In case of fire: Use for extinction. P391 - Collect spillage.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to licensed waste disposal site

## 2.3. Other hazards

<b>Other hazards</b>	None known.
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## Further information

	H304 aspiration hazard can be eliminated as Kinematic Viscosity is above the threshold of 20.5 mm <sup>2</sup> /s @ 40°C. White Spirit = Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2 - 25%).
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## SECTION 3: Composition/information on ingredients

## 3.1. Substances

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	01-2119458049-33	50 - 60%	Xn; R48/20-65 N; R51/53 R10-66-67
Bitumen		64742-93-4	265-196-4	01-2119498270-36	40 - 50%	

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## 3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
White spirit		64742-88-7	919-446-0	01-2119458049-33	50 - 60%	EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;
Bitumen		64742-93-4	265-196-4	01-2119498270-36	40 - 50%	

## 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.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	In severe cases, may cause loss of consciousness. May cause irritation to respiratory system. Vapours inhaled in strong concentration have a narcotic effect on the central nervous system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin. Repeated exposure may cause skin dryness or cracking.
Ingestion	Ingestion may cause nausea and vomiting.

## General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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## Further information

	Treat symptomatically.
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## 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

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## 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

White spirit	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m <sup>3</sup> : 350
	WEL 15 min limit ppm:	WEL 15 min limit mg/m <sup>3</sup> :

## 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 -

Chemical resistant gloves (PVC).

## Handprotection

## 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
Melting point	Not applicable.
Freezing Point	Not applicable.
Boiling point	153 - 200 °C
Flash point	> 39 °C
Evaporation rate	Not determined
Flammability limits	Not applicable.
Vapour Flammability	Not applicable.
Upper Explosive Limit	8 %
Lower Explosive Limit	0.7 %
Vapour pressure	Not determined
Vapour density	Not determined
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	> 230 °C
Viscosity	> 100 x 10 <sup>-6</sup> m <sup>2</sup> /s @ 40 °C (ISO 3104/3105)
Oxidising	Not determined
pH	Not applicable.
Solubility	Insoluble in water

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## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	0.9 - 0.98 g/cm <sup>3</sup>
Gas group	Not determined
VOC (Volatile organic compounds)	< 540 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. Information on toxicological effects

Skin corrosion/irritation	No observed effect level.
Serious eye damage/irritation	Burning feeling and temporary redness.
Respiratory or skin sensitisation	Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system. No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No data is available on this product.
STOT-repeated exposure	Component(s) causes damage to human organs.
Aspiration hazard	H304 aspiration hazard can be eliminated as Kinematic Viscosity is above the threshold of 20.5 mm <sup>2</sup> /s @ 40°C.
Repeated or prolonged exposure	Harmful: danger of serious damage to health by prolonged exposure through inhalation. Repeated or prolonged exposure may cause dermatitis.

## 11.1.4. Toxicological Information

White spirit	Inhalation Rat LC50/>13.1 h: 4 mg/kg Dermal Rabbit LD50: 3400 mg/kg	Oral Rat LD50: >15000 mg/kg
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## SECTION 12: Ecological information

## 12.1. Toxicity

White spirit	Daphnia EC50/48h: 20.0000 mg/l	Rainbow trout LC50/96h: 10 - 30 mg/kg
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Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 12.2. Persistence and degradability

Not readily biodegradable.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

## 12.6. Other adverse effects

May cause long-term adverse effects in the aquatic environment. Toxic to aquatic organisms.

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**SECTION 13: Disposal considerations**

## General information

Dispose of in compliance with all local and national regulations.

## Disposal of packaging

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Do not empty into drains, dispose of this material and its container at 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
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## Further information

It is also possible to use UN 1263 Paint Related Products (3,III, (D/E).

**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

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

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), 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.

**SECTION 16: Other information****Other information**

<b>Data sources</b>	Data extracted from individual component Safety Data Sheets.
<b>Text of risk phrases in Section 3</b>	R10 - Flammable R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. 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.
<b>Text of Hazard Statements in Section 3</b>	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
<b>Product Subcategory</b>	Binding primers - 750 g/l.
<b>Maximum content of VOC</b>	540 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.