



SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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RIW 23: RIW Structureseal

Revision 3
Revision date 2018-07-10

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

1.1. Product identifier

Product name	RIW 23: RIW Structureseal
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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	+44 (0)1344 397788
Email	enquiries@riw.co.uk
Email address of the competent person	sds@riw.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0)1270 502891
Company	NCEC 24 hours

Intended use

Structural waterproofing.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Not classified.
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2.2. Label elements

Hazard Statement	No Significant Hazard
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2.3. Other hazards

Other hazards	Contains Respirable Crystalline Silica (RCS) which is hazardous by inhalation. Under normal conditions of use exposure to RCS is not anticipated.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Crystalline Quartz (Silica Flour)		14808-60-7	238-878-4			

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Further information

	This product is not a substance nor mixture but is an "Article" as defined by the REACH Regulation. As such a SDS is not required but has been prepared due to end user requests.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	No first aid requirements.
Skin contact	No first aid requirements.
Ingestion	No first aid requirements.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	No known adverse health effects.
Skin contact	No known adverse health effects.
Ingestion	Not relevant.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	The product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Fire will produce dense black smoke.
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5.3. Advice for firefighters

	In confined spaces, fire-fighters should wear self-contained breathing equipment apparatus and protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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6.2. Environmental precautions

	No precautions required to be mentioned.
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6.3. Methods and material for containment and cleaning up

	Not relevant.
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6.4. Reference to other sections

	SECTION 13: Disposal considerations. SECTION 7: Handling and storage. SECTION 8: Exposure controls/personal protection.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

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8.1.1. Exposure Limit Values

Crystalline Quartz (Silica Flour)	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust: 10	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust: 0.1	WEL 15 min limit mg/m3 total respirable dust: -

8.2. Exposure controls

	Eye / face protection	Not normally required.
	Skin protection - Handprotection	Wear suitable gloves.
	Respiratory protection	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid (supplied in rolls)
Colour	Green / Grey

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Under normal conditions of storage and use, hazardous reactions will not occur.
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10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition.
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10.5. Incompatible materials

	None known.
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10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	No irritation expected.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	The product contains less than 1% w/w respirable crystalline silica (RCS). Due to partial or complete lack of data the classification is not possible.
Reproductive toxicity	No teratogenic effects reported.

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

Not relevant.

12.3. Bioaccumulative potential

Not relevant.

12.4. Mobility in soil

Not relevant.

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

None known.

Further information

No known adverse environmental effects.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations. The product is classified as non hazardous.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations

This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of

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

the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation).

15.2. Chemical safety assessment

Not required.

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

This document differs from the previous version in the following areas:.

- 2 - 2.2. Label elements.
- 3 - Further information.
- 4 - Skin contact.
- 4 - Eye contact.
- 4 - Inhalation.
- 4 - Ingestion.
- 4 - Inhalation.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.
- 5 - 5.2. Special hazards arising from the substance or mixture.
- 5 - 5.3. Advice for firefighters.
- 6 - 6.1. Personal precautions, protective equipment and emergency procedures.
- 6 - 6.2. Environmental precautions.
- 6 - 6.3. Methods and material for containment and cleaning up.
- 7 - 7.1. Precautions for safe handling.
- 7 - 7.2. Conditions for safe storage, including any incompatibilities.
- 8 - 8.2.1. Appropriate engineering controls.
- 8 - Respiratory protection.
- 8 - Skin protection - Handprotection.
- 8 - Eye / face protection.
- 8 - 8.2.2. Individual protection measures.
- 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Melting point).
- 9 - 9.1. Information on basic physical and chemical properties (Flash point).
- 9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).
- 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
- 9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
- 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
- 9 - 9.1. Information on basic physical and chemical properties (Viscosity).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour density).
- 9 - 9.1. Information on basic physical and chemical properties (Freezing Point).
- 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Solubility).
- 9 - 9.2. Other information (Conductivity).
- 9 - 9.2. Other information (Surface tension).
- 10 - 10.4. Conditions to avoid.
- 10 - 10.3. Possibility of hazardous reactions.
- 10 - 10.6. Hazardous decomposition products.
- 10 - 10.1. Reactivity.
- 10 - 10.5. Incompatible materials.
- 11 - Skin corrosion/irritation.
- 11 - Reproductive toxicity.
- 11 - Serious eye damage/irritation.

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Other information

	12 - 12.1. Toxicity. 12 - 12.4. Mobility in soil. 12 - 12.2. Persistence and degradability. 12 - 12.3. Bioaccumulative potential. 12 - 12.5. Results of PBT and vPvB assessment. 12 - 12.6. Other adverse effects. 13 - General information. 15 - 15.2. Chemical safety assessment.
Data sources	Data extracted from individual component Safety Data Sheets.

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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