



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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RIW 35: RIW Cementfill FC CLP

Revision 2
Revision date 2015-03-20

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

1.1. Product identifier	
Product name	RIW 35: RIW Cementfill FC CLP
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; R22 Xi; R37/38-41 Symbols: Xn: Harmful.
Main hazards	Harmful if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT SE 3: H335;
2.2. Label elements	
Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace.

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2.2. Label elements

Precautionary Statement: Response	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
	P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310 - Immediately call a POISON CENTER or doctor/physician.
Precautionary Statement: Storage	P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
	P321 - Specific treatment (see on this label).
	P332+P313 - If skin irritation occurs: Get medical advice/attention.
Precautionary Statement: Disposal	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P363 - Wash contaminated clothing before reuse.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to licensed waste disposal site

2.3. Other hazards

Other hazards	Inhalation of particles of free silica in the respirable range can give rise to fibrosis of the lungs (commonly referred to as silicosis).
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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
Crystalline Quartz (Silica Flour)		14808-60-7				Xi; R36/38
Portland Cement (Portland cement total inhalable dust)		65997-15-1				Xi; R37/38-41-43
Calcium aluminate sulfate		12005-25-3				Xi; R43 R66
Dolomite		16389-88-1	240-440-2			
Glass fibre filler		65997-17-3				
Silica fume		69012-64-2	273-761-1			
Hydrated Lime (Calcium hydroxide)		1305-62-0	215-137-3			Xi; R38-41
Sodium nitrite	007-010-00-4	7632-00-0	231-555-9			O; R8 T; R25 N; R50

EC 1272/2008

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Portland Cement (Portland cement total inhalable dust)		65997-15-1				
Calcium aluminate sulfate		12005-25-3				EUH066; Skin Sens. 1: H317;
Dolomite		16389-88-1	240-440-2			
Glass fibre filler		65997-17-3				
Silica fume		69012-64-2	273-761-1			
Hydrated Lime (Calcium hydroxide)		1305-62-0	215-137-3			Skin Irrit. 2: H315; Eye Dam. 1: H318;
Sodium nitrite	007-010-00-4	7632-00-0	231-555-9			Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400;

SECTION 4: First aid measures

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4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. 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	Irritating 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	Irritating 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. DO NOT INDUCE VOMITING.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	This 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

	Not applicable.
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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

	Avoid raising dust. Ensure adequate ventilation of the working area. 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

	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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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

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. 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. 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

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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: 0.1 (respirable dust)
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
Dolomite	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
Glass fibre filler	WEL 8-hr limit ppm: 15	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
Hydrated Lime (Calcium hydroxide)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Portland Cement (Portland cement respirable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Portland Cement (Portland cement total inhalable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

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	Wear suitable gloves.
Respiratory protection	Wear:.. Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Powder
Colour	Grey
Odour	Characteristic
pH	≈ 12.5
Melting point	Not applicable.
Freezing Point	Not applicable.
Boiling point	Not applicable.
Evaporation rate	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Fat Solubility	Not determined
Partition coefficient	Not determined
Viscosity	Not applicable.
Solubility	Miscible in water

9.2. Other information

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9.2. Other information

Conductivity	Not applicable.
Surface tension	Not determined
Bulk Density	1.2 - 1.6 g/cm ³
Gas group	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No Significant Hazard.

10.4. Conditions to avoid

Contact with strong acids will produce an exothermic reaction. Keep away from water.

10.5. Incompatible materials

Strong acids.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data is available on this product.

Acute toxicity

May cause sensitisation by skin contact.

11.1.4. Toxicological Information

No data is available on this product.

SECTION 12: Ecological information

12.2. Persistence and degradability

Not readily biodegradable.

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 in a safe way.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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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), 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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SECTION 16: Other information**Other information**

Data sources	Data extracted from individual component Safety Data Sheets.
Text of risk phrases in Section 3	R8 - Contact with combustible material may cause fire. R25 - Toxic if swallowed. R36/38 - Irritating to eyes and skin. R37/38 - Irritating to respiratory system and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50 - Very toxic to aquatic organisms. R66 - Repeated exposure may cause skin dryness or cracking.
Text of Hazard Statements in Section 3	EUH066 - Repeated exposure may cause skin dryness or cracking. Skin Sens. 1: H317 - May cause an allergic skin reaction. Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Ox. Sol. 3: H272 - May intensify fire; oxidiser. Acute Tox. 3: H301 - Toxic if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life.

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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