



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

RIW 32: RIW Cementfill HB CLP

Revision 0

Revision date 2015-03-20

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

1.1. Product identifier	
Product name	RIW 32: RIW Cementfill HB CLP
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	One-pack performance coatings.
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; R37/38-41-43 Symbols: Xn: Harmful.
Main hazards	Harmful if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.
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.

RIW 32: RIW Cementfill HB CLP

Revision 0

Revision date 2015-03-20

2.2. Label elements

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. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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. 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. 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

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			50 - 60%	Xi; R36/38
Portland Cement (Portland cement total inhalable dust)		65997-15-1			20 - 30%	Xi; R37/38-41-43
Silica fume		69012-64-2	273-761-1		1 - 10%	
Calcium aluminate sulfate		12005-25-3			1 - 10%	Xi; R43 R66
Hydrated Lime (Calcium hydroxide)		1305-62-0	215-137-3		0.5 - 1%	Xi; R38-41
Sodium nitrite	007-010-00-4	7632-00-0	231-555-9		0.5 - 1%	O; R8 T; R25 N; R50

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			50 - 60%	
Portland Cement (Portland cement total inhalable dust)		65997-15-1			20 - 30%	
Silica fume		69012-64-2	273-761-1		1 - 10%	
Calcium aluminate sulfate		12005-25-3			1 - 10%	EUH066; Skin Sens. 1: H317;
Hydrated Lime (Calcium hydroxide)		1305-62-0	215-137-3		0.5 - 1%	Skin Irrit. 2: H315; Eye Dam. 1: H318;
Sodium nitrite	007-010-00-4	7632-00-0	231-555-9		0.5 - 1%	Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400;

SECTION 4: First aid measures

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.

RIW 32: RIW Cementfill HB CLP

Revision 0

Revision date 2015-03-20

4.1. Description of first aid measures

Skin contact	Seek medical attention if irritation or symptoms persist.
	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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

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.
--	--

6.2. Environmental precautions

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

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.
--	--

6.4. Reference to other sections

	SECTION 13: Disposal considerations. SECTION 7: Handling and storage.
--	---

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.
--	--

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

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:
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

RIW 32: RIW Cementfill HB CLP

Revision 0

Revision date 2015-03-20

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Powder
Colour	Grey
Odour	Characteristic
pH	> 12
Melting point	Not relevant
Freezing Point	Not relevant
Boiling point	Not relevant
Evaporation rate	Not relevant
Vapour pressure	Not relevant
Vapour density	Not relevant
Relative density	Not determined
Fat Solubility	Not relevant
Partition coefficient	Not relevant
Viscosity	Not relevant
Solubility	Immiscible in water

9.2. Other information

Conductivity	Not relevant
Surface tension	Not relevant
Gas group	Not relevant
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Strong exothermic reaction in contact with acids.

10.5. Incompatible materials

Strong acids.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

RIW 32: RIW Cementfill HB CLP

Revision 0

Revision date 2015-03-20

11.1. Information on toxicological effects

Acute toxicity	May cause sensitisation by skin contact.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.

11.1.4. Toxicological Information

	No data available
--	-------------------

SECTION 12: Ecological information

12.1. Toxicity

	No data available
--	-------------------

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). Empty containers can be sent for disposal or recycling.
--	--

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

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.
-------------	--

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.

RIW 32: RIW Cementfill HB CLP

Revision 0

Revision date 2015-03-20

Other information

Text of Hazard Statements in Section 3	<p>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.</p> <hr/> <p>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.</p>
--	--

Further information

	<p>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.</p>
--	---