



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

## RIW 33B: RIW Cementflex Part B

Revision 2

Revision date 2015-08-27

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

#### 1.1. Product identifier

**Product name** RIW 33B: RIW Cementflex Part B

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Description** Two component cementitious coating.

#### 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

#### Intended use

Structural waterproofing.

### SECTION 2: Hazards identification

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

**Main hazards** No Significant Hazard

#### 2.2. Label elements

**Risk phrases** No Significant Hazard

### 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	M-factor.
Silica Flour		14808-60-7					
Dolomite		16389-88-1	240-440-2				
Calcined Kaolin							

## RIW 33B: RIW Cementflex Part B

Revision 2

Revision date 2015-08-27

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Silica Flour		14808-60-7					
Dolomite		16389-88-1	240-440-2				
Calcined Kaolin							

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. If you feel unwell, seek medical advice (show the label where possible). Rinse mouth thoroughly.

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

Inhalation	No known adverse health effects. No Significant Hazard.
Eye contact	No known adverse health effects. No Significant Hazard.
Skin contact	No known adverse health effects. No Significant Hazard.
Ingestion	No known adverse health effects. No Significant Hazard.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	The product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
--	---

## 5.2. Special hazards arising from the substance or mixture

	Not applicable.
--	-----------------

## 5.3. Advice for firefighters

	The product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
--	---

## 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 8: Exposure controls/personal protection.
--	--

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

## RIW 33B: RIW Cementflex Part B

Revision 2  
Revision date 2015-08-27

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. 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

Calcined Kaolin	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Dolomite	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Silica Flour	WEL 8-hr limit ppm:  WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 0.3 (respirable dust)  WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:

## 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. Appropriate respiratory protection.

## Eye / face protection

Approved safety goggles.

## Skin protection - Handprotection

Chemical resistant gloves (PVC).

## Respiratory protection

Suitable respiratory equipment.

## 8.2.3. Environmental exposure controls

Appropriate local exhaust ventilation is required.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

## RIW 33B: RIW Cementflex Part B

Revision 2

Revision date 2015-08-27

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder
<b>Colour</b>	Grey
<b>Odour threshold</b>	Not applicable.
<b>Melting point</b>	Not applicable.
<b>Freezing Point</b>	Not applicable.
<b>Initial boiling point</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Fat Solubility</b>	Not determined
<b>Autoignition temperature</b>	Not applicable.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Solubility</b>	Miscible in water

## 9.2. Other information

<b>Conductivity</b>	Not applicable.
<b>Surface tension</b>	Not applicable.
<b>Specific gravity</b>	No data available
<b>Gas group</b>	Not applicable.

## Further information

	pH of ready to use product = above 12.
--	--

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

<b>Skin corrosion/irritation</b>	No data is available on this product.
<b>Serious eye damage/irritation</b>	No irritation expected.
<b>Respiratory or skin sensitisation</b>	No irritation expected.
<b>Carcinogenicity</b>	No observed effect level.
<b>Reproductive toxicity</b>	No carcinogenic effects reported.
<b>Repeated or prolonged exposure</b>	No data is available on this product.
	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.

## 11.1.4. Toxicological Information

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

## SECTION 12: Ecological information

## 12.1. Toxicity

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

## 12.2. Persistence and degradability

## RIW 33B: RIW Cementflex Part B

Revision 2  
Revision date 2015-08-27

## 12.2. Persistence and degradability

Not readily biodegradable.

## 12.3. Bioaccumulative potential

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.

## Further information

Do not allow product to enter drains. Do not flush into surface water.

## 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

## 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

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

## RIW 33B: RIW Cementflex Part B

Revision 2

Revision date 2015-08-27

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

2000/21/EC.

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

<b>Revision</b>	This document differs from the previous version in the following areas: 1 - Product Use.
<b>Data sources</b>	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.
--	--