

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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SLC2000 Industrial

Revision 4

Revision date 2012-10-17

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

1.1. Product identifier

Product name SLC2000 Industrial

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); [SU19] Building and construction work; [PC0] Other; [PROC19] Hand-mixing with intimate contact and only PPE available; [ERC8c] Wide dispersive indoor use resulting in inclusion into or onto a matrix; [AC4] Stone, plaster, cement, glass and ceramic articles;

1.3. Details of the supplier of the safety data sheet

Company Larsen Building Products Ltd
Address 4 West Bank Road
 Belfast Harbour Industrial Estate
 Belfast
 BT3 9JL
 United Kingdom
Web www.larsenbuildingproducts.com
Telephone +44 (0)28 9077 4000
Fax +44 (0)28 9077 6945
Email t.moore@larsenbuildingproducts.com

Intended use

This product is intended for use as a flooring screed.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R36/37/38
 Symbols: Xi: Irritant.

Main hazards Irritating to eyes, respiratory system and skin.

2.3. Other hazards

Other hazards P13 - Contains chromium (VI). May produce an allergic reaction. Contact between cement powder and body fluids (e.g. sweat and eye fluid) may also cause skin and respiratory irritation, dermatitis or burns.

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
Silica Sand		14808-60-7	238-878-4			
GGBS		65996-69-2				Xi; R36/37/38
Portland Cement (Portland cement total inhalable dust)		65997-15-1	266-043-4			Xi; R36/37/38

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3.2. Mixtures

Description

This product contains portland cement which contains Chromium VI. Reducing agents have been added to this product to reduce the risk of allergic dermatitis when the product is mixed with water, providing the product has been stored as directed and is within its shelf life.

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. 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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Carbon oxides.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

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.

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. This product must be stored in unopened manufacturers bags away from extremes of temperature in dry conditions. This product must be used before the use by date as shown on the bag. Use of this product after the use by date or incorrect storage may increase the risk of an allergic reaction from Chromium VI.

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

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: -
Silica Sand	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.3
	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	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

Colour

Colour	Various.
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SECTION 10: Stability and reactivity

10.2. Chemical stability

Chemical stability	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	May cause irritation to skin, eyes and mucous membranes.
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SECTION 12: Ecological information

12.1. Toxicity

Toxicity	The product is not classified as Dangerous for the Environment.
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SECTION 13: Disposal considerations

General information

Disposal considerations	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Further information

Transport information	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

Labelling

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	Xi: Irritant.

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Labelling	
Symbols	
Risk phrases	R36/37/38 - Irritating to eyes, respiratory system and skin.
Precautionary Phrases	P13 - Contains chromium (VI). May produce an allergic reaction.
SECTION 16: Other information	
Other information	
Revision	This document differs from the previous version in the following areas: 1 - Product Use.
Text of risk phrases in Section 3	R36/37/38 - Irritating to eyes, respiratory system and skin.
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.