

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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# 3:1 Sand & Cement

Revision 11 Revision date 2023-03-01

1.1. Product identifier		
Product name	3:1 Sand & Cement	
Other means of identification /	s of identification / UFI: MEES-2R6U-4997-QERA.	
UFI CONTROL OF THE CO		
1.2. Relevant identified uses of the substance or mixture and uses advised against		

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

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services,			
	craftsmen); [SU0] Other; [PC0] Other; [PROC19] Hand-mixing with intimate contact and only PPE			
	available; [ERC5] Industrial use resulting in inclusion into or onto a matrix;			
Description	A factory produced drymix mortar (blend of sand, hydraulic binders, fillers and additives) to be mixed at the point of use with water for use in the construction industry.			

### 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	I.pyper@larsenbuildingproducts.com		

### 1.4 Emergency telephone number

The Line general telephone manuser		
Emergency telephone number	(00353) 01 809 2166	
Company	National Poisons Centre of Ireland	
	8am-10pm 7 days a week	

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
1272/2008	

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.	
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### 2.2. Label elements

Precautionary Statement:	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
Prevention	P264 - Wash thoroughly after handling.
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement:	P302+P352 - IF ON SKIN: Wash with plenty of water/ .
Response	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/doctor/ .
	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.
Precautionary Statement:	P501 - Dispose of contents/container to appropriate waste receptacle
Disposal	
Further information	

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 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
Portland Cement		65997-15-1	266-043-4			Skin Irrit. 2: H315; Skin Sens.
						1: H317; Eye Dam. 1: H318;

### 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		
	Self-contained breathing apparatus. Wear protective clothing.	

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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.

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6.3. Methods and material for co	ntainment and cleaning up		
	Sweep up. Transfer to suitable, labelled co with plenty of water.	ntainers for disposal. Clean spillage area thoroughly	
6.4. Reference to other sections			
	See section 2, 8, 13 for further information.		
SECTION 7: Handling and st	torage		
7.1. Precautions for safe handlin	g		
	Avoid contact with eyes and skin. Ensure a Manual Handling considerations when han	dequate ventilation of the working area. Adopt best dling, carrying and dispensing.	
7.2. Conditions for safe storage,	including any incompatibilities		
	Keep in a cool, dry, well ventilated area. Ke containers.	eep containers tightly closed. Store in correctly labelled	
7.3. Specific end use(s)			
	See section 1.2. Relevant identified uses of further information.	f the substance or mixture and uses advised against fo	
SECTION 8: Exposure contro	ols/personal protection		
3.1. Control parameters			
	Occupational exposure controls.		
3.1.1. Exposure Limit Values			
Portland Cement	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 10	WEL 15 min limit mg/m3 total -	
	inhalable dust: WEL 8-hr limit mg/m3 total 4	inhalable dust: WEL 15 min limit mg/m3 total -	
	respirable dust:	respirable dust:	
3.2. Exposure controls			
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working	area.	
8.2.2. Individual protection measures	Appropriate dedicated workwear is generally sufficient under normal handling conditions.		
Eye / face protection	Suitable eye protection.		
Skin protection - Handprotection	Wear suitable gloves.		
Skin protection - Other	After contact with skin, wash immediately v	vith plenty of water.	
Respiratory protection	Do not breathe dust. In case of insufficient	ventilation, wear suitable respiratory equipment.	
SECTION 9: Physical and ch	nemical properties		

### SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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### 9.1. Information on basic physical and chemical properties

Appearance	Granules.
Colour	Grey
Melting point	Not applicable.
Freezing Point	Not applicable.
Initial boiling point	
Flash point	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper Explosive Limit	Not applicable.
Lower Explosive Limit	Not applicable.
Vapour pressure	Not applicable.
Relative Vapour Density	Not applicable.
Partition coefficient	Not applicable.
(n-octanol/water)	
Autoignition temperature	Not applicable.
Decomposition temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Solubility	Not applicable.

### 9.2. Other information

Bulk Density	1.45 - 1.65 g/cm³	
SECTION 10: Stability and reactivity		
10.1. Reactivity		
	Avoid contact with: Strong acids. Avoid contact with: Strong bases.	
10.2. Chemical stability		
	Stable under normal conditions.	
10.3. Possibility of hazardous reactions		
	Organic materials.	
10.4. Conditions to avoid		
	Heat, sparks and open flames.	
Further information		
	Avoid formation of dust.	

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes

Acute toxicity	Irritating to eyes, respiratory system and skin. Contact between cement powder and body fluids (e.g. sweat and eye fluid) may also cause skin and respiratory irritation, dermatitis or burns.
Serious eye damage/irritation	Acute effect.
Respiratory or skin sensitisation	May cause sensitisation by skin contact. Contains portland Cement (contains Chromium VI). May produce an allergic reaction.
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met).
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met).
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met).
STOT-single exposure	Not classified (Based on available data, the classification criteria are not met).
Aspiration hazard	Not classified (Based on available data, the classification criteria are not met).
Repeated or prolonged exposure	Not classified (Based on available data, the classification criteria are not met).

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11.1.4. Toxicological Information	1	
	No data available	
11.2 Information on other hazard	ds	
	No data available.	
SECTION 12: Ecological info	ormation	
12.1. Toxicity		
	No data available	
Further information	·	
	No known adverse environmental effects. Do not allow product to enter drains. Do not flush into surface water.	
SECTION 13: Disposal cons	siderations	
13.1. Waste treatment methods		
	Contact a licensed waste disposal company.	
General information	·	
	Dispose of in compliance with all local and national regulations. Eurpoean Waste Catalogue:. 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10.	
Disposal methods		
	Do not empty into drains; dispose of this material and its container in a safe way.	
SECTION 14: Transport info	rmation	
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 Maritime Transport in bulk	according to IMO instruments	
	The product is not classified as dangerous for carriage.	
Further information	<del>,</del>	
	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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).	

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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

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.

### 15.2. Chemical safety assessment

No data is available on this product.

### SECTION 16: Other information

### Other information

# This document differs from the previous version in the following areas:. 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.1. Information on basic physical and chemical properties (Water solubility). 9 - 9.1. Information on basic physical and chemical properties (Freezing Point). 9 - 9.1. Information on basic physical and chemical properties (Solubility). 9 - 9.1. Information on basic physical and chemical properties (Partition coefficient (n-octanol/water)). Text of Hazard Statements in Section 3 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.

### **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.