

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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Highways MBM60

Revision 1
Revision date 2023-09-20

1.1. Product identifier

Product name
Other means of identification /
UFI

Highways MBM60

UFI: M1WQ-PR6Q-2992-J02Q.

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; [ERC5] Industrial use resulting in inclusion into or onto a
	matrix; [AC4] Stone, plaster, cement, glass and ceramic articles;
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

Address 4 West Bank Road

Belfast Harbour Industrial Estate

Belfast BT3 9JL United Kingdom

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

Emergency telephone number

(00353) 01 809 2166

Company

Web

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
1272/2008	

Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;

2.2. Label elements

Hazard pictograms





Signal Word

Hazard Statement

Danger

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

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2.2. Label elements

	Eye Dam. 1: H318 - Causes serious eye damage.
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 disposal site
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
Silica Sand (<1% Respirable Quartz)		14808-60-7	238-878-4		60 - 70%	
Portland Cement		65997-15-1	266-043-4		10 - 20%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
Calcium Sulphate Hemihydrate (Plaster of Paris)		26499-65-0	231-900-3		1 - 10%	·
Silicon Dioxide		69012-64-2	273-761-1		0.5 - 1%	

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

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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.

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Calcium Sulphate Hemihydrate (Plaster of Paris)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
(i laster of i allo)	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:	inhalable dust:
	WEL 8-hr limit mg/m3 total 4	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:
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:	inhalable dust:
	WEL 8-hr limit mg/m3 total 4	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:
Silica Sand (<1% Respirable	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.1
Quartz)		
	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:	inhalable dust:
	WEL 8-hr limit mg/m3 total 4	WEL 15 min limit mg/m3 total
	respirable dust:	respirable dust:
Silicon Dioxide	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 6	WEL 15 min limit mg/m3 total
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total 0.3	WEL 15 min limit mg/m3 total
	respirable dust:	respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering	Ensure adequate ventilation of the working area.
controls	
8.2.2. Individual protection	Appropriate dedicated workwear is generally sufficient under normal handling conditions.
measures	
Eye / face protection	Suitable eye protection.

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8.2. Exposure controls

Skin protection -	Wear suitable gloves.
Handprotection	
Skin protection - Other	After contact with skin, wash immediately with plenty of water.
Respiratory protection	Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Grey
Odour	Characteristic
pH	Not applicable.
Initial boiling point	Not applicable.
Flash point	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.

9.2. Other information

Bulk Density

VOC (Volatile organic compounds)

≈ 1.5 g/cm³

Not applicable.

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.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin	May cause sensitisation by skin contact. Contains portland Cement (contains Chromium VI). May
sensitisation	produce an allergic reaction.
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met).

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11.1 Information on hazard class	11.1 Information on hazard classes		
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).		
STOT-repeated exposure	Not classified (Based on available data, the classification criteria are not met).		
11.1.4. Toxicological Information			
	No data available		
SECTION 12: Ecological info	rmation		
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 consi	iderations		
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	10 13 10.		
	Do not empty into drains; dispose of this material and its container in a safe way.		
SECTION 14: Transport info			
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 use			
	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			
	The product is not classified as dangerous for carriage.		
SECTION 15: Regulatory information			

SECTION 16: Other information

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Other information

Revision	This document differs from the previous version in the following areas:.
	1 - Other means of identification / UFI.
	2 - Hazard pictograms.
	9 - 9.1. Information on basic physical and chemical properties (PH).
	9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
	9 - 9.1. Information on basic physical and chemical properties (Flash point).
	9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
	9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
	9 - 9.1. Information on basic physical and chemical properties (Viscosity).
	9 - 9.1. Information on basic physical and chemical properties (Relative Vapour Density).
	9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).
	9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).
	9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature).
	9 - 9.1. Information on basic physical and chemical properties (Partition coefficient
	(n-octanol/water)).
	9 - 9.2. Other information (Product Subcategory).
	9 - 9.2. Other information (Bulk Density).
	11 - Acute toxicity.
	11 - Skin corrosion/irritation.
	11 - Germ cell mutagenicity.
	11 - Carcinogenicity.
	11 - Reproductive toxicity.
	11 - Serious eye damage/irritation.
	11 - STOT-single exposure.
	11 - STOT-repeated exposure.
	16 - Maximum content of VOC.
Text of Hazard Statements in	Skin Irrit. 2: H315 - Causes skin irritation.
Section 3	Skin Sens. 1: H317 - May cause an allergic skin reaction.
	Eye Dam. 1: H318 - Causes serious eye damage.
Further information	1 7
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.