

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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Epoxy Tile Grout Pt A

Revision 7 Revision date 2023-08-23

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

1.1. Product identifier

Product name
Other means of identification /
UFI

Epoxy Tile Grout Pt A

UFI: 1K3T-DFR1-599E-3Y7U.

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: IERC3I Formulation in materials:

1.3. Details of the supplier of the safety data sheet

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

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
1272/	2008

Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms





Signal Word

Hazard Statement

Warning

Skin Irrit. 2: H315 - Causes skin irritation.

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

Eye Irrit. 2: H319 - Causes serious eye irritation.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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2.2. Label elements

Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace.		
	P273 - Avoid release to the environment. 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.		
	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.		
	P337+P313 - If eye irritation persists: Get medical advice/attention.		
	P391 - Collect spillage.		
Precautionary Statement:	P501 - Dispose of contents/container to appropriate waste disposal site		
Disposal			

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
Bisphenol A-(epichlorhydrin)	603-074-00-8	25068-38-6	500-033-5		70 - 80%	Eye Irrit. 2: H319; Skin Irrit. 2:
(reaction product)						H315; Skin Sens. 1: H317;
						Aquatic Chronic 2: H411;
Oxiran, Mono[(C12-14-	603-103-00-4	68609-97-2	271-846-8		10 - 20%	Skin Irrit. 2: H315; Skin Sens.
alkyloxy)methyl]- derivative						1: H317;
Bisphenol F Type Epoxy Resin		28064-14-4			10 - 20%	Skin Irrit. 2: H315; Skin Sens.
						1: H317; Eye Irrit. 2: H319;
						Aquatic Chronic 2: H411;

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

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

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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

Absorb with inert, absorbent material. 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

8.2. Exposure controls

Respiratory protection

8.2.1. Appropriate engineering	Ensure adequate ventilation of the working area.
controls	
8.2.2. Individual protection	Wear chemical protective clothing.
measures	
Eye / face protection	Approved safety goggles.
Skin protection -	Chemical resistant gloves (PVC).
Handprotection	

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	Liquid

Colour Colourless to straw yellow

Odour Characteristic

pH No data available

Flash point

100 °C

Upper Explosive Limit
Lower Explosive Limit
Vapour pressure
No data available
No data available

Vapour pressure No data
Relative Vapour Density No data

No data available

Partition coefficient

No data available

(n-octanol/water)
Autoignition temperature

No data available

Decomposition temperature

Not applicable.

Viscosity

750 mPas (Cone & Plate)

Solubility Insoluble in water

9.2. Other information

Specific gravity
VOC (Volatile organic compounds)

1.14 g/cm³

No data available

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

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	Revision date 2023-08-23		
SECTION 11: Toxicological	nformation		
11.1 Information on hazard class	ses		
Skin corrosion/irritation	Irritating to skin.		
Serious eye damage/irritation	Irritating to eyes.		
Respiratory or skin sensitisation	May cause an allergic skin 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).		
STOT-repeated exposure	Not classified (Based on available data, the classification criteria are not met).		
11.1.4. Toxicological Information	1		
	No data available		
SECTION 12: Ecological info	ormation		
12.1. Toxicity			
	No data available		
	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		
SECTION 13: Disposal cons	iderations		
General information			
	Dispose of in compliance with all local and national regulations.		
SECTION 14: Transport info	rmation		
Hazard pictograms			
14.1. UN number	·		
	UN3077		
14.2. UN proper shipping name	·		
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.		
14.3. Transport hazard class(es)		
ADR/RID	9		
Subsidiary risk	-		
IMDG	9		
Subsidiary risk	_		
IATA	9		
Subsidiary risk	-		
14.4. Packing group			
Packing group	III		
14.5. Environmental hazards			
Environmental hazards	Yes		
Marine pollutant	Yes		
	-		

ADR/RID

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ADD/DID		
ADR/RID		
Hazard ID	90	
Tunnel Category	(E)	
IMDG		
EmS Code	F-A S-F	
IATA		
Packing Instruction (Cargo)	956	
Maximum quantity	400 kg	
Packing Instruction	956	
(Passenger)		
Maximum quantity	400 kg	
Further information		
	The product is not classified as dangerous for carriage.	
SECTION 15: Regulatory information		

SECTION 16: Other information

iffers from the previous version in the following areas:. of identification / UFI.
on on basic physical and chemical properties (PH). On on basic physical and chemical properties (Flash point). On on basic physical and chemical properties (Autoignition temperature). On on basic physical and chemical properties (Vapour pressure). On on basic physical and chemical properties (Viscosity). On on basic physical and chemical properties (Relative Vapour Density). On on basic physical and chemical properties (Upper Explosive Limit). On on basic physical and chemical properties (Decomposition temperature). On on basic physical and chemical properties (Solubility). On on basic physical and chemical properties (Partition coefficient). On on basic physical and chemical properties (Partition coefficient). Ormation (Product Subcategory). Ormation (Specific gravity). On/irritation. Or skin sensitisation. Utagenicity. City. et oxicity. damage/irritation. exposure. ted exposure. ted exposure. ted exposures. On the properties of the
2: H411 - Toxic to aquatic life with long lasting effects.
supplied in this Safety Data Sheet is designed only as guidance for the safe us

storage and handling of the product. This information is correct to the best of our knowledge and

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Further information	
	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.





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Epoxy Tile Grout Pt B

Revision 6 Revision date 2023-08-30

SECTION 1: Identi	fication of the substance/mix	xture and of the com	pany/undertaking

1.1. Product identifier

Product name
Other means of identification /
UFI

Epoxy Tile Grout Pt B

UFI: JW3T-EFGM-D99E-RAK3.

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: [ERC3] Formulation in materials:		

1.3. Details of the supplier of the safety data sheet

Company	Larsen Building Products Ltd
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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

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	
1272/	2008	

Eye Dam. 1: H318;

2.2. Label elements

Hazard pictograms



Signal Word

Prevention

Danger

Hazard Statement

Eye Dam. 1: H318 - Causes serious eye damage.

Precautionary Statement:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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2.2. Label elements

Precautionary Statement: 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/

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
Polyamine Hardener		155240-10-1			40 - 50%	Eye Dam. 1: H318;
Liquid Defoamer					1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

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

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

Absorb with inert, absorbent material. 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.

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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection

Wear chemical protective clothing.

measures

Approved safety goggles.

Skin protection -Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Eye / face protection

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

Liauid

Colour

Colourless to straw yellow

Odour Characteristic

pН

10

Initial boiling point 160 °C Flash point

Not applicable.

Upper Explosive Limit

No data available

Lower Explosive Limit No data available

Vapour pressure

2300 Pa

Relative Vapour Density

No data available

Partition coefficient

No data available

(n-octanol/water)

No data available

Autoignition temperature Decomposition temperature

No data available

Viscosity

309 x 10-6 m²/s @ 40 °C (ISO 3104/3105)

Solubility Soluble in water

9.2. Other information

Specific gravity

0.99 - 1.09 g/cm³

VOC (Volatile organic compounds)

No data available

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity	Not classified (Based on available data	a, the classification criteria are not met)

Skin corrosion/irritation

Not classified (Based on available data, the classification criteria are not met).

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Not classified (Based on available data, the classification criteria are not met).

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 STOT-repeated exposure

Not classified (Based on available data, the classification criteria are not met). Not classified (Based on available data, the classification criteria are not met).

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11.1 Information on hazard class	ses		
Aspiration hazard	tion hazard Not classified (Based on available data, the classification criteria are not met).		
11.1.4. Toxicological Information			
	No data available		
SECTION 12: Ecological info	ormation		
12.1. Toxicity			
	No data available		
SECTION 13: Disposal cons	iderations		
General information			
	Dispose of in compliance with all local and national regulations.		
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 use	er		
	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 16: Other information

SECTION 15: Regulatory information

	Other information				
	Revision	This document differs from the previous version in the following areas:.			
		1 - Other means of identification / UFI.			
		1 - UFI No.			
		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 (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).			

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Other information 9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature). 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)). 9 - 9.2. Other information (Product Subcategory). 9 - 9.2. Other information (Specific gravity). 11 - Acute toxicity. 11 - Skin corrosion/irritation. 11 - Respiratory or skin sensitisation. 11 - Germ cell mutagenicity. 11 - Carcinogenicity. 11 - Reproductive toxicity. 11 - Serious eye damage/irritation. 11 - STOT-single exposure. 11 - STOT-repeated exposure. 11 - Aspiration hazard. 16 - Maximum content of VOC. Text of Hazard Statements in Eye Dam. 1: H318 - Causes serious eye damage. Section 3 Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. **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



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Epoxy Tile Grout Pt C

Revision 10 **Revision date** 2023-08-30

SECTION 1: Identi	fication of the substance/mix	xture and of the com	pany/undertaking

1.1. Product identifier

Product name
Other means of identification /
UFI

Epoxy Tile Grout Pt C

UFI: 8A3T-VFNU-799X-3XGN.

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; [ERC3] Formulation in materials; [AC4] Stone, plaster, cement, glass and ceramic articles;	
	cernent, 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

Larsen Building Products Ltd

Address 4 West Bank Road

Belfast Harbour Industrial Estate

Belfast BT3 9JL United Kingdom

www.larsenbuildingproducts.com

+44 (0)28 9077 4000 **Telephone** +44 (0)28 9077 6945 Fax **Email**

I.pyper@larsenbuildingproducts.com

1.4. 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 - E	EC
1272/2	2008	

Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT RE 2: H373;

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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	Eye Dam. 1: H318 - Causes serious eye damage.			
	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .			
Precautionary Statement:	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.			
Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.			
	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/ .			
	P314 - Get medical advice/attention 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.			
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
Portland Cement		65997-15-1	266-043-4		30 - 40%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
Barium Sulphate		7727-43-7			20 - 30%	
Silica Sand (<1% Respirable Quartz)		14808-60-7	238-878-4		10 - 20%	
Silica Flour		14808-60-7			10 - 20%	STOT RE 2: H373;

SECTION 4: First aid measures

4.1. Description of first aid measures

<u> </u>		
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
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5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

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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.

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

Barium Sulphate	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
Sanam Salphats	••	•
	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:

8.2. 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.

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8.2. Exposure controls

Skin protection - Other

After contact with skin, wash immediately with plenty of water.

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

Powder **Appearance** Colour Various Odour Faint рΗ Not applicable. Initial boiling point Not applicable. Flash point No data available Upper Explosive Limit Not applicable. Lower Explosive Limit No data available Vapour pressure Not applicable. **Relative Vapour Density** Not applicable.

Partition coefficient
(n-octanol/water)

Autoignition temperature

Decomposition temperature

Viscosity

No data available

No data available

No data available

No data available

Solubility Slightly soluble in water

No data available

9.2. Other information

Bulk Density
VOC (Volatile organic compounds)

1.15 - 1.55 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 damage.
Respiratory or skin	May cause sensitisation by skin contact. Contains portland Cement (contains Chromium VI). May
sensitisation	produce an allergic reaction. May cause an allergic skin 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).

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11.1 Information on hazard class	ses
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	May cause damage to organs through prolonged or repeated exposure.
11.1.4. Toxicological Information	1
	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	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 an 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 statement as darigorous is saminage.
The ort propor simpling hams	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es)	
14.0. Hanoport nazara olaco(co)	The product is not classified as dangerous for carriage.
14.4. Packing group	The product is not classified as dangerous for carriage.
14.4. I doking group	The product is not classified as dangerous for carriage.
14.5. Environmental hazards	The product is not classified as daffgerous for carriage.
14.5. Environmental nazards	The product is not classified as dangerous for carriage.
1/16 Special procestions for use	31
14.6. Special precautions for use	The product is not descified as departure for corriers
	The product is not classified as dangerous for carriage.
	according to IMO instruments
14.6. Special precautions for use	
	according to IMO instruments

SECTION 16: Other information

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.
	1 - UFI No.
	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 (Solubility).
	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 - Skin corrosion/irritation.
	11 - Respiratory or skin sensitisation.
	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.
	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .
urther information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe u
	storage and handling of the product. This information is correct to the best of our knowledge a
	haliaf at the data of publication however no guarantee is made to its accuracy. This 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.