

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/6

Fusion XT Flow Joint Smooth

Revision 10 Revision date 2024-05-29

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

1.1. Product identifier

Product name
Other means of identification /
UFI

Fusion XT Flow Joint Smooth
UFI: DQPA-63PW-UNKK-DHGY.

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

inpyportegration banding product

1.4. Emergency telephone number

Emergency telephone number	(0
----------------------------	----

(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.

Revision 10 Revision date 2024-05-29

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 comply with local and national regulations
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		20 - 30%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
Mineral Binder		12005-57-1			1 - 10%	Skin Irrit. 2: H315; STOT SE 3: H335;
Calcium Sulfoaluminate Cement (Portland cement)		65997-15-1	266-043-4		1 - 10%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; 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

Self-contained breathing apparatus. Wear protective clothing.

Revision 10 Revision date 2024-05-29

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. 6.4. Reference to other sections See section 2, 8, 13 for further information 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. 7.3. Specific end use(s) See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information. SECTION 8: Exposure controls/personal protection 8.1. Control parameters Occupational exposure controls. 8.1.1. 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: 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 15 min limit mg/m3 total WEL 8-hr limit mg/m3 total 4 respirable dust: respirable dust: 8.2. Exposure controls









8.2.1. Appropriate engineering controls

8.2.2. Individual protection measures

Ensure adequate ventilation of the working area.

Appropriate dedicated workwear is generally sufficient under normal handling conditions.

Revision 10 Revision date 2024-05-29

Eye / face protection	Suitable eye protection.
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	Various/White
рН	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.
Solubility	Slightly soluble in water

9.2. Other information

Bulk Density	1.4 - 1.6 g/cm³
VOC (Volatile organic	Not applicable.
compounds)	

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 sensitisation	May cause sensitisation by skin contact. Contains portland Cement (contains Chromium VI). May produce an allergic reaction.	
Serisiusation	produce an allergic reaction.	

Revision 10 Revision date 2024-05-29

	Revision date 2024-05-29			
11.1 Information on hazard clas	11.1 Information on hazard classes			
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).			
11.1.4. Toxicological Information	1			
	No data available			
11.2 Information on other hazar	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	iniauon			
	The product is not classified as dangerous for carriage.			
14.2. UN proper shipping name	<u> </u>			
	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 us				
	The product is not classified as dangerous for carriage.			
14.7 Maritime Transport in bulk	· · ·			
The manufacture of the state of	The product is not classified as dangerous for carriage.			
	The product to flot diagoniou as daingerous for buildings.			

Revision 10

Revision date 2024-05-29

_	4.0		
_	irthar	Intori	mation
	11 U ICI	ппоп	паичн

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 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

Revision	This document differs from the previous version in the following areas:.	
	1 - Other means of identification / UFI.	
	2 - Hazard pictograms.	

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.

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.