

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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# **Trade Standard Set Flex**

Revision 1

Revision date 2023-11-22

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

Trade Standard Set Flex

UFI: XH6M-DETD-FKK4-KNF9.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

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

<b>Emergency</b>	telephon	e numbe
Lineigoney	COLODITION	o manibo

Company

(00353) 01 809 2166

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.

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

Precautionary Statement:

**Prevention** 

 $\hbox{P261 - Avoid breathing dust/fume/gas/mist/vapours/spray}.$ 

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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	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				

#### 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		50 - 60%	
Portland Cement		65997-15-1	266-043-4		20 - 30%	9 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
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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

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

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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	6.4. Reference to other sections						
	See section 2, 8, 13 for further information	on.					
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. containers.	Keep containers tightly closed. Store in correctly labelled					
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 contr	ols/personal protection						
8.1. Control parameters							
o. r. control parameters							
	Occupational exposure controls.						
8.1.1. Exposure Limit Values	Occupational exposure controls.						
	MEI O L. F. V.	WELD LIVE WAY					
Portland Cement	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - 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 -					
Oiling Cond (440) Decripelle	respirable dust:	respirable dust:					
Silica Sand (<1% Respirable Quartz)	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.1					
•	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:					
	•	<u>.</u>					
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.						
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

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

Powder Appearance Colour Grey pН 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. Not applicable. **Relative Vapour Density** Partition coefficient Not applicable. (n-octanol/water) Autoignition temperature Not applicable. Decomposition temperature Not applicable. Viscosity Not applicable.

#### 9.2. Other information

Bulk Density
1.25 - 1.35 g/cm³

VOC (Volatile organic compounds)

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

#### 11.1.4. Toxicological Information

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Revision date 2023-11-22

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11.1.4. Toxicological Information	
	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	iderations
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 use	
44-14 11 - 41 1	The product is not classified as dangerous for carriage.
14.7 Maritime Transport in bulk a	
F 0 16 0	The product is not classified as dangerous for carriage.
Further information	The week the set described as described
	The product is not classified as dangerous for carriage.
SECTION 15: Regulatory inf	
-	mental 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).

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45.4. Osfata basilib and analosa		
15.1. Safety, health and environ	mental regulations/legislation specific for the substance or mixture	
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNC of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45, and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/ 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	ent	
	No data is available on this product.	
SECTION 16: Other information	tion	
Other information		
Revision	This document differs from the previous version in the following areas:.	
	2 - Hazard pictograms.	
	2 - Precautionary Statement: Disposal.	
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		
	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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# Trade Standard Set Flex White

Revision Revision date 2023-11-22

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

Trade Standard Set Flex White UFI: RD3R-4R92-Q99P-H86G.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

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
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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

<b>Emergency</b>	/ telephone	number
Elliol gollo	COLOPITORIC	,

(00353) 01 809 2166

National Poisons Centre of Ireland Company

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

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.

**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.

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	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
Portland Cement		65997-15-1	266-043-4		30 - 40%	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.

#### 6.3. Methods and material for containment and cleaning up

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly

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6.3. Methods and material for containment and cleaning up			
	with plenty of water.		
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			
7.1. Precautions for sale fianding		t CLC file it All II	
	Avoid contact with eyes and skin. Ensure ad Manual Handling considerations when handled	equate ventilation of the working area. Adopt best ling, carrying and dispensing.	
7.2. Conditions for safe storage,	including any incompatibilities		
	Keep in a cool, dry, well ventilated area. Kee containers.	ep containers tightly closed. Store in correctly labelled	
7.3. Specific end use(s)			
	See section 1.2. Relevant identified uses of further information.	the substance or mixture and uses advised against for	
SECTION 8: Exposure contr	ols/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 respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:	
	тезриале чизт.	respirable dust.	
8.2. Exposure controls			
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working a	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 wi	th plenty of water.	
Respiratory protection	Do not breathe dust. In case of insufficient v	entilation, wear suitable respiratory equipment.	
SECTION 9: Physical and chemical properties			

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9.1. Information on basic physical and chemical properties

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

Appearance	Powder
Colour	
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.
Solubility	Slightly miscible in water

#### 9.2. Other information

**Bulk Density** 1.3 - 1.35 g/cm<sup>3</sup> 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.
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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11.2 Information on other hazards

No data available.

#### SECTION 12: Ecological information

#### **Further information**

No known adverse environmental effects. Do not allow product to enter drains. Do not flush into surface water.

#### **SECTION 13: Disposal considerations**

#### 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 information**

#### **Further information**

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:.

2 - Hazard pictograms.

2 - Precautionary Statement: Disposal.

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.