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Fastplug

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Revision 1

Revision date Sept 15

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

1.1. Product identifier

Product name Fastplug

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

Description Cementitious repair mortar

1.3. Details of the supplier of the safety data sheet

Company	Norsekem Limited
Address	Unit 6c Stokes Farm Binfield Road, Wokingham Berkshire RG40 5PR
Web	www.norsekem.co.uk
Telephone	+44 (0)1189 899729
Email address of the competent person	safety@norsekem.co.uk

1.4. Emergency telephone number


Emergency telephone number	+44 (0)1189 899729 9.00 am - 5.00 pm (GMT) Mon - Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/E C	Xi; R37/38-41-43 Symbols: Xi: Irritant.
Main hazards	Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314; Skin Sens. 1: H317; STOT SE 3: H335;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT SE 3: H335 - May cause respiratory irritation.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling.

2.2. Label elements

Precautionary Statement: Response	P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. P312 - Call a POISON CENTER/doctor if you feel unwell. P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards	No Significant Hazard.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Calcium aluminate sulfate		12005-25-3			1 - 10%	Xi; R43 R66	
Quartz Sand		14808-60-7	238-878-4		50 - 60%		
Portland Cement Clinker		65997-15-1	266-043-4		20 - 30%	Xi; R37/38-41-43	
Calcium oxide		1305-78-8			0 - 0.5%	Xi; R37/38-41	
Calcium sulpho aluminate		12004-14-7	234-448-5		1 - 10%	Xi; R36/38	
Synthetic calcium sulphate (anhydrous)		7778-18-9		01-2119444918-26	1 - 10%		
Fly Ash					1 - 10%		
Hydrated lime		1305-62-0	215-137-3		1 - 10%	Xi; R38-41	
Polyamide fibres					0 - 0.5%		
Naphthalene Formaldehyde					0 - 0.5%		
Vinyl acetate	607-023-00-0	108-05-4	203-545-4		0 - 0.5%	F; R11	
Citric Acid		77-92-9	201-069-1	01-2119457026-42	0 - 0.5%	Xi; R36	

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Calcium aluminate sulfate		12005-25-3			1 - 10%	EUH066; Skin Sens. 1: H317;	
Quartz Sand		14808-60-7	238-878-4		50 - 60%		
Portland Cement Clinker		65997-15-1	266-043-4		20 - 30%	EUH203; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT SE 3: H335;	
Calcium sulpho aluminate		12004-14-7	234-448-5		1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;	
Synthetic calcium sulphate (anhydrous)		7778-18-9		01-2119444918-26	1 - 10%		
Fly Ash					1 - 10%		
Hydrated lime		1305-62-0	215-137-3		1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	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	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	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.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

	If you feel unwell, seek medical advice (show the label where possible).
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	None.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid raising dust. 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.
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6.3. Methods and material for containment and cleaning up

	Clean the area using a vacuum cleaner. Transfer to suitable, labelled containers for disposal.
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6.4. Reference to other sections

	See SECTION 8: Exposure controls/personal protection, SECTION 13: Disposal considerations for further information.
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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.
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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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7.3. Specific end use(s)

	Not applicable.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Calcium oxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 2 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Citric Acid	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: 10 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Fly Ash	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Hydrated lime	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 5 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Naphthalene Formaldehyde	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Polyamide fibres	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: 15 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

8.1.1. Exposure Limit Values continued

Portland Cement Clinker	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total 10 inhalable dust: WEL 8-hr limit mg/m3 total 4 respirable dust:	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Quartz Sand	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 0.1 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Synthetic calcium sulphate (anhydrous)	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Vinyl acetate	WEL 8-hr limit ppm: 5 WEL 15 min limit ppm: 10 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 17.6 WEL 15 min limit mg/m3: 35.2 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - 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	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection – hand protection	Wear suitable gloves.
Respiratory protection	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	> 12
Melting point	Not applicable.
Freezing Point	Not applicable.
Initial boiling point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Solubility	= Miscible in water
Fat Solubility	Not determined
Partition coefficient	Not determined
Auto ignition temperature	Not applicable
Bulk Density	1.25 - 1.7 g/cm ³

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data is available on this product
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10.2. Chemical stability

	Stable under normal conditions
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10.3. Possibility of hazardous reactions

	No Significant Hazard.
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10.4. Conditions to avoid

	Contact with strong acids will produce an exothermic reaction. Keep away from moisture.
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10.5. Incompatible materials

	Strong acids.
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10.6. Hazardous decomposition products

	None.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

	No data is available on this product.
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11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	Fastplug Not determined	Calcium aluminat sulfate No data available
	Quartz Sand Not applicable.	Portland Cement Clinker No data available
	Calcium oxide No data available	Calcium sulpho aluminat No data available
	Synthetic calcium sulphate (anhydrous) No data available	Fly Ash No data available
	Hydrated lime No data available	Polyamide fibres Not applicable.
	Naphthalene Formaldehyde No data available	Citric Acid No data available

12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	No data is available on this product.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations. EWC. 08 02 01 waste coating powders. Disposal of packaging. 15 01 10* packaging containing residues of or containing by dangerous substances.
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Fastplug

Revision 1

Revision date Sept 15

SECTION 14: Transport information

Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

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

Regulations	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.</p> <p>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.</p>
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15.2. Chemical safety assessment

	Not applicable.
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SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <p>2 - 2.1.2. Classification - EC 1272/2008.</p> <p>2 - Signal Word.</p> <p>2 - Precautionary Statement: Prevention.</p> <p>2 - Precautionary Statement: Response.</p> <p>2 - Precautionary Statement: Storage.</p> <p>2 - Precautionary Statement: Disposal.</p>
Text of risk phrases in Section 3	<p>R11 – Highly flammable.</p> <p>R36/38 - Irritating to eyes and skin</p> <p>R36 - Irritating to eyes.</p> <p>R37/38 - Irritating to respiratory system and skin</p> <p>R38 - Irritating to skin</p> <p>R41 - Risk of serious damage to eyes</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R66 - Repeated exposure may cause skin dryness or cracking</p>
Text of Hazard Statements in Section 3	<p>EUH066 - Repeated exposure may cause skin dryness or cracking.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>EUH203 - Contains chromium (VI). May produce an allergic reaction. Skin Irrit. 2:</p> <p>H315 - Causes skin irritation</p> <p>Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3:</p> <p>H335 - May cause respiratory irritation. Eye Irrit. 2:</p> <p>H319 - Causes serious eye irritation</p>

Further information

	<p>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.</p>
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