



MATERIAL SAFETY DATA SHEET

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 Annex II

CEMENTITIOUS GROUT (LIQUID COMPONENT)

1. Identification of the substance/preparation and company/undertaking

1.1 Identification of the substance/preparation

Liquid component cementitious grout

1.2 Use of the substance

Cement based anchor system

1.3 Company

JCP Construction Products
Unit 14, Teddington Industrial Estate
Teddington, Middlesex. TW11 9BQ
Tel +44 208 943 1800
Fax +44 208 943 1140

email jcpenquiries@owlett-jaton.com

1.4 Telephone number for emergencies

+44 208 943 1800 8.30 a.m. to 5.00 p.m. Monday to Friday

2. Hazard identification

On available data the component is not classified as hazardous

3. Composition/information on ingredients

3.1 Redisperable polymer liquid

4. First Aid measures

4.1 Description of first aid measure

Inhalation:	Move the patient to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes. If irritation persists seek medical attention
Skin Contact	Wash off immediately with plenty of soap and water
Ingestion	Wash out mouth with plenty of water. DO NOT INDUCE VOMITING In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation. Seek medical attention

5. Fire fighting measures

Component as supplied is water based and non flammable The unmixed dried polymer is flammable

5.1 Extinguishing Media

All extinguishing media are suitable

5.2 Exposure Hazards

Prevent contaminated water from entering drains, soil or surface water. Dispose of contaminated water and soil according to local and national regulations. Release of toxic fumes may occur

5.3 Protective Equipment

Fire fighters should wear self contained breathing equipment.

6. Accidental release measures

6.1 Personal Protection

Wear suitable protective clothing, gloves and eye/face protection

6.2 Environmental Protection

Prevent contamination of soil, drains and surface water

6.3 Method and material for containment and clean up.

Take up liquid with inert, absorbent material. Dispose of as waste

7. Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation of the working area. Wear suitable protective clothing and eye/face protection

Conditions for Storage

Keep in original container. Keep at room temperature

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CEMENTITIOUS GROUT (LIQUID COMPONENT)

8. Exposure controls/personal protection

8.2.1 Engineering protective measures	No special measures required
8.2.2 Occupational exposure limits	None assigned
8.2.3 Individual protection measures	
Eye protection	Wear suitable safety glasses to BSEN166
Hand protection	Chemical resistant gloves (PVC)
Skin protection	Wear overalls and closed footwear
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment

9. Physical and Chemical properties

9.1 Information on basic physical and chemical properties

Melting point/Range	N/A
Boiling point/Range	100°C as water
Oxidising properties	N/A
Autoflammability	N/A
Solubility in water	Miscible in all properties
Vapour pressure	As water
Partition coefficient	N/A
Explosive properties	N/A
Appearance	Milky white liquid
Odour	Faint aromatic
Density	1.0 approx. as water
Flashpoint	N/A
Ignition	N/A
pH value	6.5 -7.0
Viscosity	1.0mPas approx. as water

10. Stability and Reactivity

10.1 Stability:	Stable
10.2 Conditions to avoid	None known
10.3 Materials to avoid	None known
10.4 Hazardous Decomposition:	None

11. Toxicological Information

Long term experience of the use of this product type indicates low danger to health when handled under industrial conditions

Health effects

Eyes	Can cause irritation
Skin	Can cause irritation
Inhalation	Can cause respiratory irritation
Ingestion	Irritation to the mouth, throat and digestive tract
Chronic	Repeated skin contact can lead to skin disorders
Other	None known

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CEMENTITIOUS GROUT (LIQUID COMPONENT)

12. Ecological information

Prevent contamination of soil, drains or surface water

- | | |
|------------------------------------|--|
| 12.1 Mobility | Mobile liquid |
| 12.2 Solubility | Miscible in all proportions |
| 12.3 Persistence and degradability | The product will degrade only slowly in the environment |
| 12.4 Bio accumulative potential | There is no known evidence of a tendency for bioaccumulation |

13. Disposal considerations

For large quantities disposal must be carried out under guidance from local and national legislation
Small quantities can be disposed of via a licensed waste contractor

14. Transport information

Not classified as hazardous for transport

15. Regulatory information

- | | |
|---------------------|--|
| 15.1 Symbol | None |
| 15.2 Risk phrases | None |
| 15.3 Safety phrases | S1/2 Keep locked up and out of the reach of children
S23 Do not breathe vapour
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice
S28 After contact with skin wash with plenty of water
S37/39 Wear suitable gloves and eye/face protection |

16. Other information

These data sheets are given in connection with the product being used for the purpose outlined in the Product Technical Data Sheet. Use of the above product for other purposes may result in risks not given above
If the product is to be used by a third party at work it is the duty of the initial recipient to ensure that the third party is supplied with the data given above
Employers have Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment that should be adopted
Users of the product should undertake their own assessment of work place risks as required by the Health and Safety Legislation

The information supplied in this Safety Data Sheet is designed only as a guidance for its 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 material or in any other process

CEMENTITIOUS GROUT (POWDER COMPONENT)**1. Identification of the substance/preparation and company/undertaking****1.1 Identification of the substance/preparation**

Powder component cementitious grout

1.2 Use of the substance

Cement based anchor system

1.3 Company

JCP Construction Products
Unit 14, Teddington Industrial Estate
Teddington, Middlesex. TW11 9BQ
Tel +44 208 943 1800
Fax +44 208 943 1140

email jcpenquiries@owlett-jaton.com**1.4 Telephone number for emergencies**

+44 208 943 1800 8.30 a.m. to 5.00 p.m. Monday to Friday

2. Hazard identification

Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes
Contains trace quantities of chromium (VI). May produce an allergic reaction

3. Composition/information on ingredients

Mixture of silica sands, fillers and surfactant not classified as hazardous
Portland cement CAS 65997-15-1 EEC Symbol Xi. R Phrases 36/37/38, 41

4. First Aid measures**4.1 Description of first aid measure**

Inhalation:	Move the patient to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes. If irritation persists seek medical attention
Skin Contact	Wash off immediately with plenty of soap and water
Ingestion	Wash out mouth with plenty of water. DO NOT INDUCE VOMITING In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation. Seek medical attention

5. Fire fighting measures

- | | |
|--------------------------------|--|
| 5.1 Extinguishing Media | None required as not flammable |
| 5.2 Exposure Hazards | None as not flammable
according to local and national regulations. Release of toxic fumes may occur |

6. Accidental release measures

- | | |
|--|--|
| 6.1 Personal Protection | Wear suitable protective clothing, gloves and eye/face protection |
| 6.2 Environmental Protection | Prevent contamination of soil, drains and surface water |
| 6.3 Method and material for containment and clean up. | Take up material. Avoid airborne dust. Place in closable containers. Dispose of as waste |

7. Handling and storage

- | | |
|--|--|
| 7.1 Precautions for safe handling | Ensure adequate ventilation of the working area. Do not breathe dust and avoid eye contact |
| 7.2 Conditions for Storage | Keep in original container. Keep dry |

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CEMENTITIOUS GROUT (POWDER COMPONENT)

8. Exposure controls/personal protection

8.2.1 Engineering protective measures	No special measures required
8.2.2 Occupational exposure limits	Amorphous silica 8Hour TWA Total inhalable dust OES 6mg/m ³ Respirable dust OES 2.4mg/m ³
8.2.3 Individual protection measures	
Eye protection	Wear suitable safety glasses to BSEN166
Hand protection	Chemical resistant gloves (PVC)
Skin protection	Wear overalls and closed footwear
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment

9. Physical and Chemical properties

9.1 Information on basic physical and chemical properties

Melting point/Range	N/A
Boiling point/Range	N/A
Oxidising properties	N/A
Autoflammability	N/A
Solubility in water	Forms alkaline mixture
Vapour pressure	N/A
Partition coefficient	N/A
Explosive properties	N/A
Appearance	Grey coloured granular powder
Odour	None
Density	Bulk density 1.5 approx.
Flashpoint	N/A
Ignition	N/A
pH value	c/a 13 when aqueous mix
Viscosity	N/A

10. Stability and Reactivity

10.1 Stability:	Stable
10.2 Conditions to avoid	None known
10.3 Materials to avoid	None known
10.4 Hazardous Decomposition:	None

11. Toxicological Information

Long term experience of the use of this product type indicates low danger to health when handled under industrial conditions

Health effects

Eyes	Can cause burns
Skin	Causes irritation when wet
Inhalation	Can cause respiratory irritation
Ingestion	Causes irritation to the mouth, throat and digestive tract
Chronic	Respirable dust fraction if inhaled over a prolonged period, constitutes a health hazard Such inhalation can give rise to fibrosis of the lungs
Other	When mixed with water alkali is released. Precautions should be taken to prevent dry material entering the eyes, mouth and nose and to prevent skin contact with wet material

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CEMENTITIOUS GROUT (POWDER COMPONENT)

12. Ecological information

Prevent contamination of soil, drains or surface water

12.1 Mobility	Granular powder
12.2 Solubility	Forms aqueous mixture
12.3 Persistence and degradability	Once set long term stable
12.4 Bio accumulative potential	Once set long term stable

13. Disposal considerations

For large quantities disposal must be carried out under guidance from local and national legislation
Small quantities can be disposed of via a licensed waste contractor

14. Transport information

Not classified as hazardous for transport

15. Regulatory information

15.1 Symbol	Xi
15.2 Contains	Portland cement
15.3 Risk phrases	R36/37/38 Irritating to eyes, respiratory system and skin. R41 Risk of serious damage to eyes
15.4 Safety phrases	S1/2 Keep locked up and out of the reach of children S22 Do not breathe dust S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice S28 After contact with skin wash with plenty of water S37/39 Wear suitable gloves and eye/face protection

16. Other information

These data sheets are given in connection with the product being used for the purpose outlined in the Product Technical Data Sheet. Use of the above product for other purposes may result in risks not given above
If the product is to be used by a third party at work it is the duty of the initial recipient to ensure that the third party is supplied with the data given above
Employers have the duty to inform employees and others who may be affected of any hazards given in the data above and any precautions that should be adopted
Users of the product should undertake their own assessment of work place risks as required by the Health and Safety Legislation

The information supplied in this Safety Data Sheet is designed only as a guidance for its 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 material or in any other process