

Material Safety Data

20/1A Issue Date 24-Sept-07

SECTION I: PRODUCT IDENTIFICATION

Product Identification: GM Grout Range

Company Identification: CMS Pozament
Swains Park Industrial Estate
Overseal, Swadlincote
Derbyshire. DE12 6JT
Telephone: 01283 554800

SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

GM Grouts are blends of Portland cement and filler.

SECTION III: HAZARD IDENTIFICATION

Product packaging carried warning advice label and guidance. **GM Grouts** should be treated in the same way as Portland Cement which when mixed with water may cause alkali burns. Contains Chromium (VI). May produce an allergic reaction.

SECTION IV: FIRST AID MEASURES

Eye Contact: Irrigate immediately with clean water or an eye wash solution for at least 15 minutes.
Skin Contact: Wash immediately with water followed by soap and water.
Inhalation: Treat symptomatically.
Ingestion: Give water or milk to drink. Do not induce vomiting. Treat symptomatically.

SECTION V: FIRE FIGHTING MEASURES

GM Grouts are not flammable and will not facilitate combustion with other materials.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions: See section VIII.
Cleaning Up: Protect against dust. Sweep up and shovel into waste drums or plastic bags. Cover and remove for disposal. Wash the spillage area clean with water.

SECTION VII: HANDLING AND STORAGE

Storage: Bags should be stacked in a safe and stable manner.
Handling: Due regard should be paid to the risks outlined in the Manual Handling Operations Regulations 1992. Some bags may have a small amount of material on the outer surface. Appropriate personal protective clothing (see Section VIII) should therefore be used whilst handling.

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SECTION VIII: WORKPLACE EXPOSURE LIMIT

Occupational Exposure Limits: Based on 8 hour TWA Total inhalable dust - 10mg/m³
Respirable dust - 4mg/m³

Refer to H & S – EH40 for further guidance.

Personal Protective Equipment: Wear overalls, approved dust masks, eye protection and safety footwear.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey powder
Odour:	None
pH	12 to 14
Boiling point:	Not applicable
Melting point:	Not applicable
Flash point:	Not applicable
Flammability:	None
Autoflammability:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Vapour Pressure:	Not applicable
Relative density:	Not applicable
Solubility in water:	Insoluble
Partition coefficient:	Not applicable

SECTION X: STABILITY AND REACTIVITY

Stability	Hazardous reactions not known
Conditions to avoid:	None
Materials to avoid:	None
Hazardous decomposition products:	None

SECTION XI: TOXICOLOGICAL INFORMATION

Short term effects: **GM Grouts** can cause chemical burning and ulceration of eyes; contact with skin can cause irritant and allergic dermatitis especially mixtures with water. Ingestion of large does may result in irritation of the gastro intestinal tract. Cement powder may cause inflammation of mucous membranes.

Long term effects: Prolonged and repeated exposure may cause irritant contact dermatitis and/or allergic (chromium) dermatitis. Allergic dermatitis more commonly arises through contact with cement/water mixtures than dry cement. High repeated exposures in excess of the OES have been linked with rhinitis and coughing.

SECTION XII: ECOLOGICAL INFORMATION

Mobility:	Dust may be spread by the wind.
Degradability:	Immiscible with water and will react with water to produce inert and non biodegradable solids.
Bioaccumulation:	No data.
Aquatic Toxicity:	LC50 aquatic toxicity not known. The addition of cement to water will however cause pH to rise and may therefore be toxic to aquatic life in some circumstances.

SECTION XIII: DISPOSAL CONSIDERATIONS

Disposal of material should be in accordance with local, state or national legislation. Keep out of reach of children.

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SECTION XIV: TRANSPORT INFORMATION

Classification for conveyance: Not required

SECTION XV: REGULATORY INFORMATION

Labelling according to CHIP 1996:

Classification – not classified
Hazard symbol - Irritant

Risk Phrases:

R38 Irritating to the skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact

Safety Phrases:

S22 Do not breathe dust
S24 Avoid contact with skin
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.

EINECS Number: Not applicable

SECTION XVI: OTHER INFORMATION

- CONIAC Health Hazard Information Sheet No. 26 (Cement)
- Health & Safety at Work etc Act 1974.
- Control of Substances Hazardous to Health Regulations 1998.
- Portland Cement Dust: criteria document for an occupational exposure limit. June 1994 (ISBN 0-7176-0763-1)
- HSE Guidance Note EH26 (Occupational Skin Diseases : Health & Safety Precautions), HMSO 1981.
- HSE Leaflet MS(B)9 : Save your skin, advice to employers (1987)
- HSE Guidance Note EH40 (Occupational Exposure Limits)
- Any authorised manual on First Aid by St. John's/St. Andrew's/Red Cross.
- Manual Handling Operations Regulations 1992.

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