


HAZARDOUS CHEMICAL, NON-DANGEROUS GOODS

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product name:	M-BED GROUT
Synonyms :	Not Available
Relevant identified uses:	Use according to manufacturer's directions. Cement based high strength grout
Creation Date:	February, 2024
This version issued:	February, 2024 and is valid for 5 years from this date.
Poisons Information Centre:	Phone 13 1126 from anywhere in Australia

Note that this SDS is intended for Vespel branded product.

2. HAZARDS IDENTIFICATION

GHS Classification	
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitisation	Category 1
Specific target organ toxicity - single exposure	Category 3 (Respiratory system)
GHS label elements	
Hazard pictograms	
Signal word	Danger
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Precautionary statements	Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. 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/ eye protection/ face protection. Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove victim to fresh air and

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	<p>keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.</p> <p>P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.</p> <p>P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>Storage:</p> <p>P403 + P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>Disposal:</p> <p>P501 Dispose of contents/ container to an approved waste disposal plant</p>
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Other hazards which do not result in classification

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO ₂)	14808-60-7	50 - 70
Cement (chromium reduced)	65997-15-1	30 - 50
Fumes, silica	69012-64-2	01 - 10
Sodium salt of poly-naphthalene sulfonic acid	36290-04-7	0.0 – 1.0

4. FIRST AID MEASURES

General advice	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses.

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If swallowed	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	Irritant effects Cough Respiratory disorder Excessive lachrymation Dermatitis See Section 11 for more detailed information on health effects and symptoms. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.
Notes to physician	Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	No hazardous combustion products are known
Specific extinguishing methods	Standard procedure for chemical fires
Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.
Environmental precautions	Try to prevent the material from entering drains or water courses.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on protection against fire and explosion	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
Advice on safe handling	Do not breathe vapours/dust. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products

Conditions for safe storage	Store in original container. Keep in a well-ventilated place. Observe label precautions. Store in accordance with local regulations.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz (SiO ₂)	14808-60-7	TWA (Respirable dust)	0.025 mg/m ³	TH OEL
		TWA (Respirable fraction)	0.025 mg/m ³	ACGIH
		TWA (Respirable fraction)	0.025 mg/m ³ (Silica)	ACGIH
		TWA (Respirable fraction)	0.025 mg/m ³	ACGIH
		TWA (Respirable fraction)	0.025 mg/m ³ (Silica)	ACGIH
Cement (chromium reduced)	65997-15-1	TWA (Respirable fraction)	1 mg/m ³	ACGIH

Personal protective equipment

Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eye protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
Skin and body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	powder
Colour:	grey
Odour	odourless
Odour Threshold	No data available
pH	Not applicable
Melting point/range / Freezing point	No data available
Boiling point/boiling range	No data available
Flash point	Not applicable
Evaporation rate	No data available
Flammability	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Relative vapour density	No data available
Density	ca. 2.2 g/cm ³ (25 °C (77 °F))
Bulk density	ca. 1,470 kg/m ³
Solubility(ies) Water solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: noctanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	Not applicable
Explosive properties	No data available
Molecular weight	No data available

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical stability	The product is chemically stable.
Possibility of hazardous reactions	Stable under recommended storage conditions.
Conditions to avoid	No data available
Incompatible materials	No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
Skin corrosion/irritation	Causes skin irritation.

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Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.
Germ cell mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Reproductive toxicity	Not classified based on available information.
STOT - single exposure	May cause respiratory irritation.
STOT - repeated exposure	Not classified based on available information.
Aspiration toxicity	Not classified based on available information

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Persistence and degradability	No data available
Bio-accumulative potential	No data available
Mobility in soil	No data available

Other adverse effects

Product:

Additional ecological information: There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

15. REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	Not applicable
Hazardous Substance Act B.E. 2535	Not applicable
Emergency Decree on Controlling the Use of Volatile Substances B.E. 2533	Not applicable

16. OTHER INFORMATION

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.