

Infosafe No™ LPXE4

Issue Date : June 2008

ISSUED by PARCHEMC

Product Name : GALVASHIELD GROUT MC50

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	GALVASHIELD GROUT MC50
Company Name	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
Address	7 Lucca Road Wyong NSW 2259 Australia
Emergency Tel.	1800 638 556 (available 24/7)
Telephone/Fax Number	Tel: 02 4350 5000 Fax: 02 4351 2024
Recommended Use	Cement based grout.
Other Information	<p>This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Supplies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.</p> <p>If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.</p> <p>www.parchem.com.au</p>

2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
Risk Phrase(s)	Classified as hazardous R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes. R43 May cause sensitization by skin contact. R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.
Safety Phrase(s)	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 immediately with plenty of soap and water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S38 If insufficient ventilation, wear suitable respiratory equipment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Portland cement	65997-15-1	30-60 %		
	Quartz	14808-60-7	30-60 %		
	Ingredients determined not to be hazardous.		Balance		

4. FIRST AID MEASURES

Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion	DO NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.



Material Safety Data Sheet

CS: 1.4.92

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Eye If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Specific Hazards Non-combustible solid.

Precautions in connection with Fire Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to prevent inhalation and eye exposure. Sweep up material avoiding dust generation or where possible use dustless methods such as vacuum to collect the material and transfer into suitable labelled containers for subsequent recycling or disposal. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. Use only in well ventilated areas. Avoid breathing vapour. Maintain a high level of personal hygiene when using the product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well-ventilated area. Store protected from humidity in unopened, undamaged original packaging. Store in labelled, corrosion-resistant containers. Keep containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards The following National Occupational Health And Safety Commission (NOHSC) exposure limits apply:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Portland cement	-	10	-	-
Silica, quartz	-	0.1	-	-
Dust, not otherwise specified	-	10	-	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values No biological limit allocated.

Engineering Controls Provide sufficient ventilation to keep airborne levels below the exposure limits. Where natural ventilation is inadequate, a local exhaust ventilation system, drawing dusts away from workers' breathing zone, is required.

Respiratory Protection Where sufficient ventilation is not available, avoid breathing dusts by wearing an AS 1716 approved dust/particulate filter respirator; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shield protection or chemical goggles should be used.

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Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Suitable workwear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. Dusty clothing should be laundered before reuse. Use precautionary measures to avoid creating dust when removing or laundering clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Grey powder with fine aggregate.

Melting Point Not available

Boiling Point Not applicable

Solubility in Water Insoluble, but reacts slowly with water to cure.

Specific Gravity Not available

pH Value Not available

Vapour Pressure Not applicable

Vapour Density (Air=1) Not applicable

Flash Point Not applicable

Flammability Non combustible solid.

Flammable Limits - Lower Not applicable

Flammable Limits - Upper Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal use conditions of handling and storage.

Conditions to Avoid Avoid contact with humidity. Contact with water will result in hydration and produces (caustic) calcium hydroxide.

Incompatible Materials Contact with water should be avoided. Wet portland cement is alkaline. As such, it is incompatible with acids, ammonium salts and aluminium metal.

Hazardous Reactions Contact with water should be avoided. Wet portland cement is highly alkaline.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Not available

Inhalation Irritating to respiratory system. Will irritate respiratory tract and may cause coughing and sneezing. Prolonged exposure to high dust concentrations may cause serious pulmonary disorders. Pre-existing upper respiratory and lung diseases may be aggravated by inhalation.

Ingestion Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

Skin Irritating to skin. This may result in itching, redness and blisters. Wet product may cause more severe irritation. May cause an allergic response in some individuals resulting in symptoms such as rash and skin ulcers.

Eye Risk of serious damage to eyes. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

Chronic Effects Toxic, danger of serious damage to health by prolonged exposure through inhalation. The product contains respirable free crystalline silica. Repeated,



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Carcinogenicity

prolonged or concentrated inhalation of respirable crystalline silica dust may lead to silicosis, a serious lung disease. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred. Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma. Repeated exposure may cause skin dryness and cracking.

The product contains >1% respirable crystalline. Crystalline silica has been classified by International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1) Furthermore, crystalline silica can cause silicosis or other lung diseases on prolonged exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
IMDG Marine Pollutant (MP)	This material is not classified as a MARINE POLLUTANT according to the International Maritime Dangerous Goods (IMDG) Code.

15. REGULATORY INFORMATION

Regulatory Information	Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
Hazard Category	Toxic, Irritant

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Reviewed: June 2008 Supersedes: August 2004
Contact Person/Point	Technical Support: 1800 812 864 ...End Of MSDS...

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