



MATERIAL DATA SHEET ROCK SUPPORT GROUT

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1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND COMPANY/UNDERTAKING

Product Name:	Rock Support Grout
Application:	Roof bolt & Cable Bolt Installation
Company:	MLCO Trading Ltd

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Cement, inorganic fillers, Accelerators and retarders

Hazardous ingredient (s): Symbol Risk Phrases Other Information %
Cements Xi R36/37/38 Cas No: ----->25<50

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure limits.

3. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Eyes:	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.
Inhalation:	Remove from exposure. If feeling unwell obtain medical attention
Skin:	Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical attention if skin disorders develop.
Ingestion:	Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	This product is non-combustible, use extinguishing media appropriate to surround fire.
Special Exposure Hazards:	None.
Special Protective Equipment:	Self-contained breathing apparatus, gloves.



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear rubber boots in addition to the recommended protective clothing.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Avoid the creation of dust in atmosphere. Gather into containers. Residues may be flushed to drain with large volumes of water.

7. HANDLING AND STORAGE

Handling:	Avoid creating dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.
Storage:	Store in a cool, dry area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits: Substance 8 Hour TWA STEL Source/ Other Information

Cement:	EH 40
Total inhalable dust:	10mgm-3
Respirable Dust:	4mgm-3
Engineering Control Measures:	Atmospheric levels of dust must be maintained within the Occupational Exposure Limit. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be worn.
Personal Protective Equipment:	<ul style="list-style-type: none">• Impervious gloves (eg PVC)• Goggles/Safety Glasses.• Approved dust mask.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Colour:	Grey
Odour:	Odourless
pH (working dilution):	10
Boiling Point/Range (C):	Not applicable
Flash Point (Closed, C):	None
Auto flammability (C):	Not applicable
Explosive Properties (%):	Not applicable
Oxidising Properties:	None
Vapour Pressure (kPa at 20 C):	Not applicable
Relative Density (at 20 C):	1.5
Water Solubility:	Partially soluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid:	Strong acids
Hazardous Decomposition Products:	None

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the products components.

Health Effects

On Eyes:	Irritating and may injure eye tissue if not removed promptly.
On Skin:	Irritation. See "chronic" effects.
By Inhalation:	Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust.
By Ingestion:	May cause irritation of mouth, through and digestive tract.
Chronic:	Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis.



12. ECOLOGICAL INFORMATION

Environmental Assessment:	Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.
Mobility:	Partially soluble in water.
Persistence and Degradability:	Not readily biodegradable.
Bio-accumulative Potential:	Not determined.
Eco toxicity:	Not expected to be Eco toxic to fish/daphnia/algae.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product:	Disposed of in and approved manner.
Used/Contaminated Product:	As for unused product.
Packaging:	The method of disposal must be in acceptable to the local authority

14. TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15. REGULATORY INFORMATION

Hazard Label Data:

Named Ingredients:	Cement powders.
Symbol(s):	Xi
Risk Phrases:	<ul style="list-style-type: none"> • Do not breathe dust. • Avoid contact with skin and eyes. • Wear suitable gloves and eye/face protection. • In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
EC Directives:	<ul style="list-style-type: none"> • Dangerous Substances Directive, 67/548/EEC and adaptations. • Dangerous Preparations Directive, 88/379/EEC. • Safety Framework Directive, 89/391/EEC. • Safety Data Sheets Directive, 91/155/EEC.



Statutory Instruments:	<ul style="list-style-type: none"> • Chemicals (Hazard information and Packaging for Supply) • (Amendment) Regs. 1999 (SI 1092). • Health & Safety at Work etc. Act 1974. • Control of substances Hazardous to Health Regs. 1999 (SI 437).
Codes of Practice:	<ul style="list-style-type: none"> • Occupational skin diseases: Health and Safety Precautions (EH26). • Dust in the workplace: general principles of protection (EH44). • Occupational exposure limits (EH 40).

16. OTHER INFORMATION

The data advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated applications without seeking advice from MLCO trading Ltd.

If this product has been purchased from a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the own assessment of workplace risk, as required by other health and safety legislation.