



SAFETY DATA SHEET

I. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CMI Non-Shrink Grout 222

MAIN USE : Non-shrinking sealing and bedding mortar.

COMPANY : CMI Construction Material Industry Sdn. Bhd.
7, Jalan Sungai Jerluh 32/196,
Bukit Kemuning, Seksyen 32,
40460 Shah Alam,
Selangor Darul Ehsan,
Malaysia.

TELEPHONE : +603 51319325/9425

FAX : +603 51318325

II. COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIALS</u>	<u>PROPORTION</u>	<u>CAS NO.</u>
Portland Cement	30 - < 60%	65997-15-1
Silica sand	< 60%	
Filler	< 10%	
Additive	<5%	

III. HAZARDS IDENTIFICATION

HEALTH EFFECTS

SWALLOWED : Small amounts ingested incidental to normal handling will have little or no effect. Larger amounts ingested may cause stomach pains and discomfort.

EYE : Will cause moderate to severe irritation to the eye and must be promptly removed to prevent further damage.

SKIN : May cause superficial burns to damp skin, especially if trapped against skin by clothing. Prolonged or repeated skin exposures may cause drying and cracking of the skin and possibly lead to dermatitis.

INHALED : Will cause coughing and dry throat. Over several years prolonged or repeated exposure to high dust concentrations may lead to lung disorders.

CHRONIC : Prolonged or repeated inhalation of fine dusts may lead to congestive diseases of the lung or in extreme cases to lung cancer.

ACUTE : Cement and silica powder are "Nuisance Dusts". An eye, skin and mucous membrane irritant.

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IV. FIRST AID MEASURES

SWALLOWED	:	Do not induce vomiting. Rinse mouth clear with water and drink two glasses of water. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persists seek prompt medical help.
EYE	:	Hold eyelids open and flush eye for 15 minutes with water. Ensure inside of eyelid is flushed by gently lifting eyelids away from eye top and bottom while flushing. If symptoms persist seek urgent medical attention.
SKIN	:	Remove contaminated clothing and footwear. Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical assistance.
INHALED	:	Remove patient to fresh air and allow to rest. Seek prompt medical attention if symptoms persist.

V. FIRE FIGHTING MEASURES

Product is non-combustible.
Suitable extinguishing media: Water delivered as fog or dry extinguishing media

VI. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up or taking up:
Avoid creating dust clouds. Stop pedestrians from walking through the spill. Sweep up and collect any dry spilt product. Final clean-up should be with water. Do not allow material to enter drain or waterways. The unmixed products should be suitable for disposal at approved landfill sites.

VII. HANDLING AND STORAGE

Handling	:	Avoid generating or accumulating dusts during handling. Handle in accordance with good industrial hygiene and safety practice. Keep workplace well ventilated.
Storage	:	Store in a cool, dry and well-ventilated area.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

General protective measures: In outdoor natural ventilation is usually adequate. If extremely dusty conditions prevail or if working in poorly ventilated enclosed areas provide adequate ventilation/dust extraction and exhausts to ensure that the work area is kept below the TWA set

Personal protective equipment:

Hand protection	:	Impermeable gloves recommended.
Eye protection	:	Safety goggles recommended.
Skin protection	:	Wash with soap and water after handling.
Hygiene measures	:	Do not eat, drink or smoke when handling product.



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IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Grey powder
Odour	:	Cement-like
Percent Volatiles	:	N.D
Boiling Point	:	N.D
Flash point	:	N.A
Vapour pressure	:	N.D
Specific gravity	:	Approx. 1.3
Melting point	:	N.D
Flammability Limits	:	N.A
Solubility in water	:	Insoluble but miscible in all proportions

X. STABILITY AND REACTIVITY

Stability	:	Product is non-combustible. No explosive effect expected
Incompatible materials	:	None

XI. TOXICOLOGICAL INFORMATION

Crystalline silica is a Category 1 human carcinogen. Therefore, handled as recommended with suitable precautions for designated uses.

XII. ECOLOGICAL INFORMATION

Will block drains or small waterways as product cures in contact with water. Not biodegradable.

XIII. DISPOSAL CONSIDERATIONS

Waste products should be placed in plastic drums or pails, fit lids, label and place in a safe area to await disposal or recovery. Disposal of product should always comply with local and national regulations.



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XIV. TRANSPORT INFORMATION

The products is not classified as hazardous under transport regulations

XV. REGULATORY INFORMATION

Labelling according to EU Directive 1999/45/EC:

The product does not require a hazard warning label in accordance with EC Directives.

XVI. OTHER INFORMATION

Date of preparation: 28th March 2019

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use. Recipients of our product must take responsibility for observing existing laws and regulations.