SECTION 1 : IDENTIFICATION OF THE CHEMICAL AND OF THE SUPPLIER

Commercial Product Name	: CEMSEAL MB200BC PART C
Relevant identified uses	: 3 Part Epoxy Cementitious Moisture Barrier System For Use as a Self-Smoothing Underlayment
Company/Undertaking	: Cemseal Industries Sdn. Bhd.
Address	: No.10, Jalan Emas 29, Taman Sri Putri, 81300 Skudai, Johor, Malaysia.
Tel No.	: +607-558 3320
Email	: info@cemseal.com

SECTION 2 : HAZARDS IDENTIFICATION

According to: CLASS Regulations 2013, Malaysia (adapted from UN GHS Rev. 3)

A. Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Eye damage/irritation	Category 1
Specific target organ toxicity - single exposure	Category 3 (Respiratory)

B. Label Elements

Pictogram:



Signal word: Danger

Hazard statement:

H315	Causes skin irritation.
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.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

(Response)

P304+P340+P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
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.

(Storage)
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

SECTION 3 : COMPOSITION AND INFORMATION OF THE INGREDIENTS

Single product or Mixture: Mixture

Chemical Name	CAS No.	Content (%)
Quartz (SiO_2)	14808-60-7	60 – 100
Cement (chromium reduced)	65997-15-1	30 – 60

SECTION 4 : FIRST AID MEASURES

A. Description of first aid measures

Inhalation: Move to fresh air. Consult a physician after significant exposure.

Skin: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

Eye: Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Ingestion: 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.

B. Most important symptoms and effects, both acute and delayed

Irritant effects.
Cough Respiratory disorder.
Excessive lachrymation.
Dermatitis.
Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.
See Section 11 for more detailed information on health effects and symptoms.

C. Indication of any immediate medical attention and special treatment needed

Notes to Physician:

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5 : FIRE-FIGHTING MEASURES

A. Extinguishing media

Suitable Extinguishing Media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

B. Special Hazards Arising from The Substance or Mixture

Hazardous Combustion Products : No hazardous combustion products are known.

C. Recommended Fire Fighting Procedures

Fire Fighting Procedures : In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

A. Personal precautions, protective equipment and emergency procedures :

Wear appropriate protective equipment, e.g., respirators (R95 masks), eye protection (safety glasses), elbow-length Nitrile gloves and safety shoes. Avoid substance contact with the eyes. Do not inhale vapours. Ensure supply of fresh air in enclosed rooms.

B. Environmental precautions:

Isolate the area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment. Do not flush into surface water or sanitary sewer system.

C. Methods and material for containment and cleaning up:

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

SECTION 7 : HANDLING AND STORAGE

A. Precautions for safe handling:

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.

B. Conditions for safe storage: Store in original container. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations. Keep in a dry place. No decomposition if stored and applied as directed.

SECTION 8 : EXPOSURE CONTROLS PERSONAL PROTECTION

A. Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Quartz (SiO_2)	14808-60-7	TWA (Respirable fraction)	0.1 mg/m^3	MY PEL
		PEL (Respirable dust)	0.1 mg/m^3	MY PEL
		TWA (Respirable particulate matter)	0.025 mg/m^3	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m^3 (Silica)	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m^3	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m^3 (Silica)	ACGIH

Cement	65997-15-1	TWA	10 mg/m^3	MY PEL
		PEL (Respirable dust)	5 mg/m^3	MY PEL
		PEL (Total dust)	10 mg/m^3	MY PEL
		TWA (Respirable particulate matter)	1 mg/m^3	ACGIH

B. Exposure controls

Respiratory Protection	:	Respiratory protection (R95 masks) should be worn.
Hand Protection	:	Wear protective gloves (elbow-length Nitrile gloves).
Eye Protection	:	Tightly fitting safety goggles.
Skin / Body Protection	:	Wear protective material penetration overalls and safety shoes.
Other protection	:	Work site no smoking, eating and drinking water. After work, be sure to take a shower and change clothes. Pay attention to personal hygiene.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

A. Information on Basic Physical and Chemical Properties

Appearance	Powder
Color	Light Grey
Odor	Odorless
Boiling Point	Data not available
Decomposition Temperature	Data not available
Specific Gravity	1.7 g/mL
Melting Point/Freezing Point	Data not available
pH	Data not available
Water Solubility	Data not available
Viscosity	Data not available
Oxidizing Properties	Data not available
Vapor Pressure	Data not available
Evaporation Rate	Data not available
Vapor Density	Data not available
Flash Point	Data not available
LEL	Data not available
Flammability (Solid,gas)	Data not available
UEL	Data not available
Autoignition	Data not available
Octanol/water Partition coefficient	Data not available

B. Other Information

No additional physical and chemical parameters noted.

SECTION 10 : STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction under condition of normal use.
Chemical stability	:	The product is chemically stable.

Possibility of hazardous reactions	**:**	Hazardous polymerization will not occur.
Incompatible materials	**:**	No data available.
Conditions to avoid	**:**	No data available.
Hazardous decomposition products	**:**	No decomposition if stored and applied as directed.

SECTION 11 : TOXICOLOGICAL INFORMATION

GHS Properties	Classification
Acute toxicity	Not classified based on available information.
Skin corrosion/Irritation	Causes skin irritation.
Serious eye damage/Irritation	Causes serious eye damage.
Skin sensitization	May cause an allergic skin reaction.
Respiratory sensitization	Not classified based on available information.
Aspiration Hazard	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Germ Cell Mutagenicity	Not classified based on available information.
Toxicity for Reproduction	Not classified based on available information.
STOT-SE	Not classified based on available information.
STOT-RE	Not classified based on available information.
Aspiration toxicity	Not classified based on available information.

SECTION 12 : ECOLOGICAL INFORMATION

A. Toxicity to algae: No data available.
B. Persistence and degradability: No data available.
C. Bio accumulative potential: No data available.
D. Mobility in Soil: No data available.
E. Results of PBT and vPvB assessment: PBT and vPvB assessment has not been carried out.
F. Other adverse effects: No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

The product should not be allowed to enter drains and watercourses. Preferred methods of waste disposal are incineration or biological treatment in federal/state approved facility. Empty containers should be recycled or disposed through an approved waste management facility or licensed contractor. All federal, state and local environmental regulations shall be observed.

SECTION 14 : TRANSPORTATION INFORMATION

General : The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)
UN Number : Not applicable
T.D.G. Classification : Not applicable
Packing Group : Not applicable
Special Shipping Instructions : Not applicable
*This product is classified as non-hazardous materials to transport.

SECTION 15 : REGULATORY INFORMATION

A. Occupational Safety and Health (DOSH)

- Occupational Safety and Health Act 1994 (Act 514)
- Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 (CLASS Regulations)
- Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000 (USECHH Regulations)

This product is subject to requirements on classification, labelling, Safety Data Sheet (SDS), and permissible exposure limits under the above regulations.

B. Department of Environment (DOE)

- Environmental Quality Act 1974
- Environmental Quality (Scheduled Wastes) Regulations 2005

This product may be subject to environmental control and disposal requirements depending on its classification as scheduled waste.

SECTION 16 : OTHER INFORMATION

A. Issuing date: May, 11, 2026

B. Version: MB200BC(C)-260511

C. Other Information:

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility in observing existing laws and regulations.
THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF CEMSEAL KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS FOR THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.