SECTION 1 : IDENTIFICATION OF THE CHEMICAL AND OF THE SUPPLIER

Commercial Product Name	: CEMSEAL MB200BC PART B
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 2
Skin sensitization	Category 1

B. Label Elements

Pictogram:



Signal word: Warning

Hazard statement:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Precautionary Statements:

(Prevention)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

(Response)

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.

(Disposal)

P501	Dispose of contents/ container to an approved waste disposal plant.

SECTION 3 : COMPOSITION AND INFORMATION OF THE INGREDIENTS

A. Single product or Mixture:

Material consists of polyamine with fillers and additives in water solution.

Chemical Name	CAS No.	Content (%)
Polyamine Hardener	Trade Secret	20 - 30
Additives	Trade Secret	1 – 3

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.
Sensitising effects.
Allergic reactions.
Excessive lachrymation.
Dermatitis.
Causes skin irritation.
May cause an allergic skin reaction.
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 : Carbon dioxide (CO_2).

Unsuitable Extinguishing Media : Water.

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:

Contain spilled material if possible. Absorb with materials such as sand, polypropylene fibre products, polyethylene fibre products. Remove residual with soap and hot water. Collect in suitable and properly labelled containers. Residual can be removed with solvent. See Section 13, Disposal Considerations, for additional information.

SECTION 7 : HANDLING AND STORAGE

A. Precautions for safe handling:

Do not breathe vapours or spray mist. 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. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. 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.

SECTION 8 : EXPOSURE CONTROLS PERSONAL PROTECTION

A. Control parameters

Exposure: Contains no substances with occupational exposure limit values.

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	Liquid
Color	White

Odor	Odorless to mild
Boiling Point	Data not available
Decomposition Temperature	Data not available
Specific Gravity	1.01 g/mL
Melting Point/Freezing Point	Data not available
pH	Data not available
Water Solubility	Data not available
Viscosity	< 190 mPa.s at 25 °C
Oxidizing Properties	Data not available
Vapor Pressure	Data not available
Evaporation Rate	Data not available
Vapor Density	Data not available
Flash Point	72 ˚C
LEL	Data not available
Flammability (Solid,gas)	Not flammable based on ingredients
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 : Stable under recommended storage conditions.

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.
Acute oral toxicity	LD50 Oral (Rat): 1,030 mg/kg
Acute inhalation toxicity	LC50 (Rat): > 5.01 mg/l, Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	LD50 Dermal (Rabbit): > 2,000 mg/kg
Skin corrosion/Irritation	Causes skin irritation.
Serious eye damage/Irritation	Causes serious eye irritation.
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: ErC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 mg/l, Exposure time: 72 h

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(B)-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.
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