SECTION 1 : IDENTIFICATION OF THE CHEMICAL AND OF THE SUPPLIER

Commercial Product Name	: CEMSEAL E200PU-M PART C
Relevant identified uses	: Solvent-Free Polyurethane Screed
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

A. Physical/ chemical hazards:

Flammable liquids: Not applicable

Flammable solids: Non-flammable

B. Human health hazards and classifications:

Hazard Class	Hazard Category
Serious eye damage/ eye irritation	1
Skin sensitization	1
Specific target organ toxicity single exposure respiratory tract irritation	3

C. GHS label elements including precautionary statements symbol:



Signal word: Danger

D. Hazard statement (s):

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H335 May cause respiratory irritation

E. Precautionary Statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace

P280 Wear protective gloves/clothing/eye protection/face protection.

P261+P304+P340+P312 Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALE: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a doctor/ physician if you feel unwell.

P302+P352+P333+P313 IF ON SKIN Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/ attention.

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 doctor/ physician.

P501: Disposal of contents/ container to harden by application of water and dispose of as concrete waste.

SECTION 3 : COMPOSITION AND INFORMATION OF THE INGREDIENTS

Substance / Mixture : Mixture

Other means of Identification : Not available

A. CAS number / other identifiers:

CAS number : Not applicable

EC number : Not available

B. Classification of hazardous components, according to GHS:

Chemical Name	Weight, %	CAS Number
Portland Cement, chemicals	> 20 %	65997-15-1

*** Any remaining ingredients are not hazardous.

SECTION 4 : FIRST AID MEASURES

A. Description of necessary first aid measures:

Ingestion : Do not induce vomiting. Rinse mouth. If swallowed, seek medical advice immediately.

Eye Contact : Do not rub eyes to avoid possible cornea damage resulting from mechanical stress. Rinse the injured eye(s) and eyelid(s) with plenty of clean water for at least 15 minutes. Remove contact lenses, if present and easy to do, continue rinsing.

Skin Contact : Wash off immediately with plenty of soap and water. Seek medical treatment if irritation develops. Clean contaminated clothing and footwear thoroughly before reusing them.

Inhalation : Move the person to fresh air. Dust in throat and nasal passage should clear spontaneously. Seek medical treatment if irritation or other symptoms persists.

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

Symptoms: None known.

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

Notes for the doctor: Treat symptomatically

Specific treatment: No specific treatment.

SECTION 5 : FIRE-FIGHTING MEASURES

A. Extinguishing Media:

Suitable extinguishing media : There is no restriction on the type of extinguisher which maybe used. Use extinguishing agent suitable for type of surrounding fire.

Unsuitable extinguishing media : None known

B. Special hazards arising from combustion of the substance or mixture:

Special hazards : Possible release of irritating and toxic gases/ vapors upon thermal decomposition.

Hazardous Combustion Products : Carbon oxides

C. Advice for firefighters:

Protective action during firefighting:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Cool containers by spraying with water. Remove undamaged containers from fire area if it is safe to do so. Evacuate from site.

Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

A. Personal precautions, protective equipments and emergency procedures:

Personal precautions: Follow safe handling advice and personal protective equipment recommendations (see Section 8).

B. Environmental precautions:

Environmental precautions: Do not wash down sewage, drainage systems or into bodies of water (e.g. streams).

C. Methods and material for containment and cleaning up:

Methods of cleaning up: If possible, collect spillage in dry state. Use cleanup methods which do not cause airborne dispersion such as vacuum extraction. Alternatively, remove the dust by mopping or using water sprays or hoses and remove the slurry formed. Avoid inhalation of products and in contact with skin. Clean up wet product and place in a container. Allow material to dry and solidify before disposal according to Section 13.

D. Reference to other sections

Reference to other sections : For personal protective equipment and method, see Section 8. See Section 11 for additional information on health hazard. For waste disposal, see Section 13.

SECTION 7 : HANDLING AND STORAGE

A. Precautions for safe handling:

Usage precautions : Ensure usage in good ventilation area. Use personal protective equipment if necessary. Do not breathe in dust. Use with local exhaust ventilation. Do not breathe in dust.

Advice on general occupational hygiene : Wash at the end of each work shift and before eating. Wash contaminated clothing before reuse.

B. Condition for safe storage, including any incompatibilities :

Storage precautions : Products should be stored in unopened bags, clear of the ground in a dry cool, well ventilated area, away from direct sunlight to avoid degradation of quality. Bags should be stacked in a stable manner.

C. Specific end use(s)

Specific end use(s) : The identified uses for this product are detailed in Section 1.2

SECTION 8 : EXPOSURE CONTROLS PERSONAL PROTECTION

A. Control Parameters:

Occupational exposure

Ingredient Name	Exposure Limit Values, ACCGIH TLV	OSHA PEL
Portland Cement, chemicals	TWA: 1 mg/m3 particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m3 total dust TWA: 5 mg/m3 respirable fraction TWA: 50 mppcf <1% crystalline silica

B. Exposure controls

Protective equipments



Appropriate engineering : Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protection : Always check applicability with supplier of protective equipment.

Eye / face protection : Safety glasses.

Hand protection : Chemical-resistant gloves (eg. elbow-length nitrile gloves).

Other skin and body : Safety shoes.

Hygiene measures : No specific hygiene procedures are recommended, but good personal hygiene practices should always be observed when working with chemical products. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

Respiratory protection : R95 masks.

Thermal Hazards : None

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Powder

Colour : Grey

Odour : No information available

Odour Threshold :	No information available
Solubility :	No information available
VOC% :	No information available
Viscosity :	No information available
Specific gravity :	No information available
Pounds per Cubic Foot :	No information available
Flash Point :	No information available
FP Method :	No information available
pH :	No information available
Melting Point :	No information available
Boiling Point :	No information available
Boiling Range :	No information available
LEL :	No information available
UEL :	No information available
Evaporation Rate :	No information available

SECTION 10 : STABILITY AND REACTIVITY

A. Reactivity:

Reactivity : None under normal use conditions.

B. Chemical stability:

Stability : Stable at normal ambient temperatures and when used as recommended

C. Possibility of hazardous reactions:

Possibility of hazardous : None.

D. Conditions to avoid:

Conditions to avoid : Heat, flames and sparks.

E. Incompatible materials:

Materials to avoid : No information available.

F. Hazardous decomposition products:

Hazardous decomposition: Not determined Products

SECTION 11 : TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological effects :	Product does not present an acute toxicity hazard based on known or supplied information
Acute toxicity – oral:	
Notes (oral LD50) :	No data available
Acute toxicity – dermal:	
Notes (dermal LD50) :	No data available.
Acute toxicity – inhalation:	
Notes (inhalation LC50) :	No data available.
Skin corrosion/ irritation:	
Skin corrosion/irritation :	No data available.
Animal data :	No specific test data are available

Human skin model test :	No specific test data are available
Extreme pH :	No specific test data are available
Serious eye damage / irritation:	
Serious eye damage / irritation :	May causes severe eye damage.
Respiratory sensitization	
Respiratory sensitization :	The material can cause respiratory irritation in some persons.
Skin sensitization	
Skin sensitization :	This material can cause inflammation of the skin on contact in some persons.
Germ cell mutagenicity	
Genotoxicity – in vitro :	Not determined
Genotoxicity – In vivo :	Not determined
Carcinogenicity	
Carcinogenicity :	Does not contain any substances known to be carcinogenic
Target organ for Carcinogenicity :	Not relevant
IARC Carcinogenicity :	Not listed
Reproductive toxicity	
Reproductive toxicity-fertility :	Does not contain any substances known to be toxic to reproduction.
Reproductive toxicity : -development	Not considered to be toxic to the reproductive system

SECTION 12 : ECOLOGICAL INFORMATION

Toxicity:	No information available
Fish Acute & Prolonged Toxicity:	No information available
Aquatic Invertebrate Acute Toxicity:	No information available
Persistence and Degradability:	No information available
Bioaccumulative potential:	No information available
Mobility in soil:	No information available
Results of PBT and vPvB assessment:	No information available
Other adverse effects:	No information available

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal methods :

Do not dispose into sewage systems or surface waters.

Product – unused residue or dry spillage:

Pick up dry unused residue or dry spillage as is. Mark the containers. Depending on the shelf life and dust exposure, might be able to reuse dry spillage. In case of disposal, harden with water and dispose according to the local legislation.

Product – slurries

Allow slurries to harden, avoid entry in sewage and drainage systems or into bodies or water (e.g. streams) and dispose of according to the local legislation.

Product – after addition of water, hardened

Dispose of hardened product according to the local legislation. Avoid entry into sewage water system. Dispose of the hardened product as concrete waste.

Packaging

Completely empty the packaging and process it according to the local legislation.

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

[Note: This product is not classified as a dangerous good under transport regulations]

SECTION 15 : REGULATORY INFORMATION

A. Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture. National Regulations:

1. Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulation 2013
2. Occupational Safety and Health (Use and Standard Exposure of Chemicals Hazardous to Health) Regulations 2000.

B. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16 : OTHER INFORMATION

A. Issuing date: July 01, 2026

B. Version: E200PU-M (C)-260701

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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