

Cemseal APP TOM

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**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**COMMERCIAL PRODUCT NAME** : **CEMSEAL APP TOM**  
**COMPANY/UNDERTAKING** : CEMSEAL INDUSTRIES SDN BHD  
: No.10, Jln Emas 29, Taman Sri Putri, 81300 Skudai, Johor  
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**SECTION 2 : HAZARDS IDENTIFICATION**

**GHS Classification:**

Physical Hazard

Not classified as a physical hazard under GHS criteria

Health Hazard

Not classified as a health hazard under GHS criteria

Environment Hazard

Not classified as environmental hazard under GHS criteria

GHS Pictogram None

Signal Word None

Hazard statements None

Precautionary statements None

Response None

Storage None

Disposal None

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**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	CAS No.	%
Asphalt	Proprietary	34-45
Calcium Carbonate	471-34-1	40-60
Slate Flakes	Proprietary	17-22
Polyethylene	9002-88-4	4-8
Polypropylene	9003-07-0	4-8
Polyester	80595-68-2	2-3

**SECTION 4 : FIRST AID MEASURES****INHALATION**

- Move people to fresh air and call for medical assistance immediately.
- If not breathing, it gives artificial respiration, if breathing is difficult, give oxygen. Keep at rest.

**SKIN CONTACT**

- In case of contact, immediately flush skin with large amounts of water and soap while removing contaminated clothing and shoes.
- If irritation persists, get medical attention.

**EYE CONTACT**

- Immediately flush eyes with large amounts of water until irritation subsides.
- Remove contact lens
- Obtain medical attention, preferably by an ophthalmologist, immediately.

**INGESTION**

- DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Keep at rest. Get medical attention immediately.

**SECTION 5 : FIRE FIGHTING MEASURES****SUITABLE FIRE EXTINGUISHING MEDIA**

- Alcohol-resistant foam, Carbon dioxide, or dry chemical type

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

- Combustion products may include and are not limited to: Carbon monoxide and Carbon dioxide.

**SPECIAL PROTECTIVE ACTIONS FOR FIRE FIGHTERS**

- If material is involved in fire, there is a possibility of toxic or dangerous gas emission during thermal decomposition hence do not breath in fumes
- Wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE**

- Wear appropriate protective equipment, e.g., respirators, eye protection, gloves and safety shoes.
- Avoid substance contact with eyes. Do not inhale vapours.
- Ensure supply of fresh air in enclosed rooms.

**ENVIRONMENTAL PRECAUTIONS**

- Do not release untreated material into water sources
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.

**METHODS AND MATERIALS FOR CONTAINMENTS AND CLEANING UP**

- Disposal in accordance to local/national regulations.
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**SECTION 7 : HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING**

- Use appropriate personal protective equipment
- Keep out of reach of children.
- Do not ingest. Do not breathe in gas/fumes/vapour. Avoid contact with skin and eyes.
- For personal protection, see section 8.
- Use only in areas from which all naked lights
- Ensure proper ventilation during handling
- Protect from frost and extremes of temperature.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

- Store in cool, dry and well-ventilated place away from direct sunlight and away from source of ignition and open flames
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**SECTION 8 : EXPOSURE CONTROLS/ PERSONAL PROTECTION****CONTROL PARAMETERS/OCCUPATIONAL LIMITS**

- Contains no substances with occupational exposure limit values

**APPROPRIATE ENGINEERING CONTROL MEASURES**

- Ventilation: provide adequate general or local exhaust ventilation

**PERSONAL PROTECTION**

Respiratory Protection:	Respirator should be used if necessary
Hand Protection:	Use of protective rubber or plastic gloves are recommended for prolonged or repeated skin contact
Eye Protection:	Use of safety glasses or goggles with side shields is recommended.
Skin / Body Protection:	Wear appropriate clothing to prevent repeated or prolonged skin contact

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Grey/Green/Talc Solid
Odour	:	Slight Bitumen Odour
Odour threshold	:	Not applicable
pH	:	Not applicable
Melting point/freezing point	:	> 100°C approx.
Initial boiling point and boiling range	:	> 470°C approx. (Bitumen)
Flash point	:	> 230°C approx. (Bitumen)
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Calorific value 9000 kcal/kg approx.
Lower flammability or explosive limit	:	Not available
Upper flammability or explosive limit	:	Not available
Vapour pressure	:	Not applicable
Vapour density	:	Not applicable
Relative density	:	1-1.5 kg/dm <sup>3</sup>
Solubility	:	Insoluble in liquid Soluble in organic solvents
Partition coefficient	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not available
Viscosity	:	Not applicable

**SECTION 10 : STABILITY AND REACTIVITY****REACTIVITY**

- No dangerous reaction known under condition of normal use.

**CHEMICAL STABILITY**

- The product is stable under recommended storage and handling conditions. (see section 7)

**POSSIBILITY OF HAZARDOUS REACTION**

- Under normal conditions of storage and use, hazardous reaction will not occur.

**CONDITIONS TO AVOID**

- Keep away from fire source and strong oxidising agents

**HAZARDOUS DECOMPOSITION PRODUCTS**

- When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

**SECTION 11 : TOXICOLOGICAL INFORMATION**

There is no data available on the product itself.

Acute Oral toxicity  
Harmful if swallowed.

Acute dermal/skin toxicity  
No Data available

Acute inhalation toxicity  
No Data available

Skin corrosion or irritation May  
Cause skin irritation.

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Serious eye damage or irritation

May be an eye irritant

Respiratory or skin sensitization

No information available on the product.

Germ cell mutagenicity

No information available on the product.

Carcinogenicity

No information available on the product.

Reproductive toxicity

No information available on the product.

Specific Target Organ Toxicity (STOT)- single exposure No information available on the product.

Specific Target Organ Toxicity (STOT)- repeated exposure No information available on the product.

Aspiration hazard

No information available on the product.

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**SECTION 12 : ECOLOGICAL INFORMATION**

Toxicity

Aquatic toxicity -No data available

Persistence and degradability

Biodegradation -No data available

Bioaccumulative potential

-No data available

Mobility in soil

-No data available

Result of PBT and vPvB assessment

-No data available

Other adverse effects

There is no ecotoxicological test data available on the product itself.  
The product should not be allowed to enter drains or water courses

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**SECTION 13 : DISPOSAL CONSIDERATION**

The product should not be allowed to enter drains and water courses.

Preferred methods of waste disposal are incineration or biological treatment in federal/state approved facility.  
Empty containers should be recycled or disposed of through an approved waste management facility or licensed contractor.

All federal, state and local environmental regulations should be observed.

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**SECTION 14 : TRANSPORT INFORMATION**

Transport to be in accordance with ADR/RID for road/rail, IMDG for sea and IATA for Air.

**LAND TRANSPORT**

Not classified as Dangerous Goods by the criteria of the European Agreement concerning the international carriage of Dangerous Goods (ADR) by Road & Regulations concerning the international carriage of Dangerous goods (RID) by Rail.

UN Number: Not Classified  
Proper shipping name: -  
Class: -  
Subsidiary Risk(s): -  
Packaging Group: Not Assigned

**SEA TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport of Sea.

UN Number: Not Classified  
Proper shipping name: -  
Class: -  
Subsidiary Risk(s): -  
Packaging Group: Not assigned

Marine Pollutant No

**SEA (Annex II of MARPOL 73/78 and the IBC code)**

Not applicable

**AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air

UN Number: Not Classified  
Proper Shipping Name: -  
Class: -  
Subsidiary Risk(s): -  
Packaging Group: Not assigned

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**SECTION 15 : REGULATORY INFORMATION**

Applicable national regulations:

- Standards on Hazard communication for hazardous chemicals and dangerous goods
    - SS 586 : Part 1: 2021- Transport and storage of dangerous goods
    - SS 586 : Part 2: 2014- GHS of classification and labelling of chemicals- Singapore's adaptations
    - SS 586 : Part 3: 2008- Preparation of safety data sheets (SDS)
  - MOM: Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations
    - This product is subject to SDS, labelling, PEL and other requirements in the Acts/Regulations
  - NEA: Environmental Protection and Management Act & Environmental Protection and Management (Hazardous Substances) Regulations.
    - This product is not subject to control under this Acts/Regulations
  - SCDF: Fire Safety Act & Fire Safety (Petroleum and Flammable Materials) Regulations
    - This product is subject to the requirement of this Acts/Regulations
  - SPF: The Arms and Explosive Act, the Arms and Explosives (Explosives) Rules, and the Arms and Explosives (Explosive Precursors) Rules
    - This product is not subject to the requirement of this Acts/Regulations
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**SECTION 16 : OTHER INFORMATION**

Revision date: 26/3/2025

Version No.: APP TOM-250326

Abbreviation

ACGIH American Conference of Governmental Industrial Hygienists TLV  
Threshold limit value

TWA Time-Weighted Average

OSHA Occupational Safety and Health Administration PEL  
Permissible Exposure Limit

LD50 Lethal Dose

LC50 Median lethal concentration

IARC International Agency for Research in Cancer

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness. Since the conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge, for this and other reasons, we make no guarantee of results and assume no liability for damages incurred by the use of this product. Please be reminded that all chemicals may present unknown health hazards and should be used with caution.