CEMSEAL PRIMER BT-S

SECTION 1 : INDENTIFICATION OF THE CHEMICAL AND OF THE SUPPLIER

Commercial Product Name	: CEMSEAL PRIMER BT-S
Company/Undertaking	: Cemseal Industries Sdn. Bhd.
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SECTION 2 : HAZARDS IDENTIFICATION

Physical/ chemical hazards:

- Flammable liquids (Category 3)
- Flammable solids Non-flammable

Human health hazards and classifications:

Acute toxicity, Inhalation	Hazard Category
Acute toxicity, Dermal	4
Skin irritation	4
Specific target organ toxicity (Single Exposure)	2
Narcotic Effects Aspiration Hazard	1
Chronic Hazards to the Aquatic Environment	2
Acute Hazards to the Aquatic Environment	2

GHS label elements including precautionary statements Symbol:



Signal word: Warning/Danger

Hazard statement (s):

H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H332 Harmful if inhaled
H336 May cause drowsiness or dizziness
H401 Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 Keep container tightly closed
P260 Do not breathe dust/fume/gas/mist/vapours/spray
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective eye/face gloves/protective clothing
P301+P310 If swallowed: Immediately call a Poison Centre or doctor/physician
P304 If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician if unwell
P312 Call a Poison Centre or doctor/physician if you feel unwell
P331 Do not induce vomiting
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing
P403 Store in a well-ventilated place
P405 Store locked up
P501: Disposal of contents/ container to appropriate waste site in accordance with local and national regulations

Other Hazards Which Do Not Result in Classification

Slightly irritating to respiratory system.
Liquid evaporates quickly and can ignite leading to a flash fire, or an explosion in a confined space.
Vapour in the headspace of tanks and containers may ignite and explode at temperatures exceeding auto ignition temperature, where vapour concentrations are within the flammability range.
Electrostatic charges may be generated during handling.
Electrostatic discharge may cause fire.
Repeated exposure may cause skin dryness or cracking.

Supplement Hazard Statements	None
R-phrase(s)	
R10	Flammable
R20/21	Harmful by inhalation and in contact with skin
R38	Irritating to skin
S-phrase(s)	
S36/37	Wear suitable protective clothing and gloves

SECTION 3 : COMPOSITION AND INFORMATION OF THE INGREDIENTS

Chemical Name	Weight, %	CAS Number
Asphalt	15-90%	8052-42-4
Industrial Solvents (new and/or recycled)	0-70%	8008-20-6 / 1330-20-7

SECTION 4 : FIRST AID MEASURES

4.1 Description of necessary first aid measures:

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Eye Contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact : Wash off with soap and plenty of water. Consult a physician.

Inhalation : If breathe in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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

Symptoms: Not been thoroughly investigated

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: No data available

Specific treatment: No data available

SECTION 5 : FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

Suitable extinguishing media : Use alcohol-resistant foam, dry chemical or carbon dioxide
Use water spray

Unsuitable extinguishing media : None known

5.2 Special hazards arising from combustion of the substance or mixture:

Special hazards : None known

Hazardous Combustion Products : Carbon oxides

5.3 Advice for firefighters:

Special Firefighting Instructions:

Material will float on water and can be reignited. Use water to cool containers to prevent bursting. Wear full firefighting gear including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards:

Intense heat can cause pressure build-up in containers and can result in bursting. Vapors are heavier than air and can travel along the ground to remote sources of ignition. Empty

containers may contain residual vapors or liquid that could be ignited by heat, flame, sparks or other ignition sources.
Further information: Use water spray to cool unopened containers.

SECTION 6 : ACCIDENTAL RELEASURES MEASURES

6.1 Personal precautions, protective equipments and emergency procedures:

Personal precautions : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions:

Environmental precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:

Methods of cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Reference to other sections : For waste disposal, see Section 13.

SECTION 7 : HANDLING AND STORAGE

7.1 Precautions for safe handling:

Sources of ignitions : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition – No smoking. Take measures to prevent the build-up of electrostatic charge.

Usage precautions : Do not store containers near heat, sparks, open flames or other sources of ignition. Keep container closed when not in use. Wear appropriate personal protective equipment when handling product. Grounding is required for pumping or spraying of material. Wash hands after using product and before eating or smoking.

7.2 Condition for safe storage, including any incompatibilities :

Storage precautions : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Specific end use(s) : No data available

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:
Eliminate sources of ignition. Ventilate area.
Wear appropriate safety equipment. Restrict access to area of spill. Contain spill using sand or other inert material.
Recover free material to a secure container. Use inert absorbent to pick up residue. Wash area with soap and water.

WASTE DISPOSAL
Dispose of material in accordance with applicable Federal, State and local regulations. This material is a regulated hazardous waste.

SECTION 8 : EXPOSURE CONTROLS PERSONAL PROTECTION

8.1 Control Parameters:
Components with workplace control parameters

8.2 Exposure controls
Appropriate engineering controls.
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Personal Protective Equipment

Eye/face Protection :	Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH(US) or EN 166(EU).
Skin protection :	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands :	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Body protection :	Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection :	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of

protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	Black
Odour	:	Characteristic
Solubility	:	Not soluble in water. Soluble in many organic solvents
Flash Point	:	Depending on grade: Kerosene or White Spirit based => 38°C Xylene based => 32°C
Melting Point	:	No information available
Boiling Point	:	Initial 150°C

SECTION 10 : STABILITY AND REACTIVITY

10.1 Reactivity:
Reactivity : None under normal use conditions.

10.2 Possibility of hazardous reactions:
Possibility of hazardous : None.

10.3 Conditions to avoid:
Conditions to avoid : Heat, flames and sparks.

10.4 Incompatible materials:
Materials to avoid : Strong oxidizing agents.

10.5 Hazardous decomposition products:
Hazardous decomposition: No data available

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity	:	No data available
Skin corrosion/irritation	:	No data available
Serious eye damage / irritation	:	May causes severe eye damage
Respiratory or skin sensitization	:	No data available
Germ cell mutagenicity	:	No data available
Carcinogenicity	:	IARC : 2B - Group 2B: Possibly carcinogenic to humans (Ethylbenzene) IARC : 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Xylene) 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Xylene)
Reproductive toxicity	:	No data available

Specific target organ toxicity	:	No data available
Aspiration hazard	:	No data available
Potential health effects	:	
Inhalation		Harmful if inhaled. Causes respiratory tract irritation
Ingestion		May be harmful if swallowed
Skin		Harmful if absorbed through skin. Causes skin irritation
Eyes		Causes eye burns

HEALTH HAZARDS (ACUTE): Vapors may be irritating to nose, throat, and respiratory tract. High concentrations may cause headaches, dizziness, nausea, drowsiness, anaesthesia, and unconsciousness and can result in death. Vapors and liquid can cause eye irritation, redness, tearing and blurred vision. Ingestion can cause irritation of mouth, throat, and gastrointestinal tract. May cause nausea and vomiting. Aspiration of petroleum distillates into the lungs can cause severe chemical pneumonitis, which can be fatal.

HEALTH HAZARDS (CHRONIC): Prolonged or repeated contact can cause skin dryness, irritation and dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Central nervous system diseases, skin disorders, eye disorders or chronic respiratory diseases may be worsened by exposure.

Signs and Symptoms of Exposure
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information
RTECS: Not available

Ingredients are not considered carcinogenic by OSHA or NTP. IARC monographs list refined bitumens as possibly carcinogenic to humans based upon animal studies. IARC regards it prudent to treat a material for which there is sufficient evidence of carcinogenicity in animals as if it is possibly carcinogenic in humans.

EMERGENCY AND FIRST AID PROCEDURES:
IF INHALED: Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Seek emergency medical attention.

SKIN CONTACT: Remove material using waterless hand cleaner. Wash skin with mild soap and water. If irritation persists, seek medical attention. Remove and launder contaminated clothing before reuse.

EYE CONTACT: Flush eyes with cool running water for at least 15 minutes while holding eyelids open. Seek immediate medical attention.

IF INGESTED: DO NOT INDUCE VOMITING. Call a doctor or Poison Control Center immediately. Aspiration can cause chemical pneumonitis that is potentially fatal.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity : May cause physical fouling of aquatic organisms.

Persistence/Degradeability : Degradation is very slow. Under normal circumstances the product will remain in place.

Mobility : Part of the material will evaporate from soil surfaces, but a significant proportion will remain after one day. Bitumen paint is not very mobile and will remain on the soil surface or penetrate a few millimetres. Bitumen paints will sink or float depending upon the density. The lighter components will either evaporate to air, or will dissolve. Dissolved components will be either absorbed in sediments or evaporated to air. In aerobic water and sediments they will biodegrade, but in anaerobic conditions they will persist. These components have a high potential to bioaccumulate, but are unlikely to persist in the aquatic environment for sufficient time to pose significant hazards. The heavier the components will persist in the environment for a considerable period of time, but the molecular weight is so high that they will not bioaccumulate.

Environment Protection Prevent this material entering waterways, drains and sewers.

Prolonged or repeated contact may cause chronic dermatitis. Appreciable evaporation to air is expected in the environment.

SECTION 13 : DISPOSAL CONSIDERATIONS

Preferred method is incineration or biological treatment in approved facility.

Waste treatment methods
Product : Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging
Dispose of as unused product

SECTION 14 : TRANSPORTATION INFORMATION

UN No. 1999
IMDG/IATA Class. 3
Packaging Group. III
Hazard Label. 3
EmS No. F-E, S-E

SECTION 15 : REGULATORY INFORMATION

Poison Schedule : N.A.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available

Chemical Safety Assessment
No data available

SECTION 16 : OTHER INFORMATION

A. Issuing date: Dec 15, 2025
B. Version: PRIMER BT-S-251215
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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