

**Safety Data Sheet
in accordance with HSNO**

Printing Date: 28.01.2025

Version Number: 1.0

Revision Date: 28.01.2025

1 Identification of the substance or mixture and of the supplier

Product identifier:

Trade name: *Bituthene Primer Type C*

Relevant identified uses of the substance or mixture, and uses advised against: No further relevant information available.

Relevant identified uses of the substance or mixture: Waterproofing

Identified uses advised against: No further relevant information available.

Details of the supplier of the safety data sheet:

Manufacturer/supplier:

GCP Australia Pty. Ltd.
14 Colebard Street West
Archerfield, Queensland 4108
Australia

Tel: 1800 334 444
Fax: +61 7-3275-7801

Further information obtainable from: APMSDS@gcpat.com

Emergency telephone number:

CHEMWATCH - 00 800 2436 2255 (free call)
National Poison Centre - 0800 764-766 (0800 POISON)

2 Hazards identification

Classification of the substance or mixture:

Flammable liquids Category 4	H227 Combustible liquid.
Muta. 1B	H340 May cause genetic defects.
Carc. 1B	H350 May cause cancer.
Specific target organ toxicity - repeated exposure Category 2	H373 May cause damage to the central nervous system through prolonged or repeated exposure.
Aspiration hazard Category 1	H304 May be fatal if swallowed and enters airways.

Label elements:

GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS08

Signal word Danger

Hazard-determining components of labelling:

Solvent naphtha (petroleum), medium aliphatic
Solvent naphtha (petroleum), light aliph.
Solvent naphtha (petroleum), light aromatic

Hazard statements

Combustible liquid.
May cause genetic defects.
May cause cancer.

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May cause damage to the central nervous system through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not breathe dust/fume/gas/mist/vapours/spray.

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

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Do NOT induce vomiting.

In case of fire: Use CO₂, powder or water spray to extinguish.

Store in a well-ventilated place.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Information concerning particular hazards for human and environment:

Description of Classification:

Classified as Hazardous Substance according to the criteria of the New Zealand Hazardous Substance New Organisms legislation.

HSNO Group Standard : Construction Products (Subsidiary Hazard) Group Standard 2017

HSNO Approval Number : HSR002544

Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/Information on ingredients

Chemical characterization: Mixture:

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components:

8052-42-4	Asphalt	5-<10%
64742-88-7	Solvent naphtha (petroleum), medium aliphatic Flammable liquids Category 3, H226 Specific target organ toxicity - repeated exposure Category 1, H372; Aspiration hazard Category 1, H304 Acute inhalation toxicity Category 4, H332	5-<10%
64742-89-8	Solvent naphtha (petroleum), light aliph. Flammable liquids Category 2, H225 Muta. 1B, H340; Carc. 1B, H350; Aspiration hazard Category 1, H304	1-<3%
64742-95-6	Solvent naphtha (petroleum), light aromatic Flammable liquids Category 3, H226 Aspiration hazard Category 1, H304 Acute inhalation toxicity Category 4, H332	1-<3%
2634-33-5	1,2-benzisothiazol-3(2H)-one Serious eye damage Category 1, H318 Hazardous to the aquatic environment acute Category 1, H400 Acute oral toxicity Category 4, H302; Skin irritation Category 2, H315; Skin sensitisation Category 1, H317	0-<0.05%

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4 First aid measures**General information:** Get medical advice/attention if you feel unwell.**After inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.**After skin contact:** Wash with plenty of soap and water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

Call for a doctor immediately.

Information for doctor:**Most important symptoms and effects, both acute and delayed:** Harmful: may cause lung damage if swallowed.**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.**5 Fire fighting measures****Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water jet.**Special hazards arising from the substance or mixture:**

During heating or in case of fire poisonous gases are produced.

Protective equipment: Wear self-contained respiratory protective device.**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.**Methods and material for containment and cleaning up:** Send for recovery or disposal in suitable receptacles.**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**HANDLING****Precautions for safe handling:**

Prevent formation of aerosols.

Do not eat, drink or smoke when using this product.

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Store in a well-ventilated place. Keep container tightly closed.

Keep only in original packaging.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: No special measures required.

STORAGE

Information about storage in one common storage facility: Keep respiratory protective device available.

Further information about storage conditions:

Keep container tightly sealed.

Protect from frost.

Store in a dry place.

Keep cool.

Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:

8052-42-4 Asphalt

WES (New Zealand)	Long-term value: 0.5 mg/m ³ skin, fumes
WES (Australia)	Long-term value: 5 mg/m ³ fumes
WEL (Great Britain)	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³

Additional information: Based on the lists valid at the date of SDS creation.

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves.

Material of gloves: Rubber gloves.

Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses with side shield protection.

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Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

GENERAL INFORMATION**Appearance:**

Form: Mobile Fluid
Colour: Brown to black
Odour: Characteristic.
Odour threshold: Not determined.
pH-value (~) at 20 °C: 9

Change in conditions:-**Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** 100 °C**Flash point:** 68 °C**Flammability (solid, gas):** Not applicable.**Auto-ignition temperature:** Not determined.**Decomposition temperature:** Not determined.**Ignition temperature:** Not determined.**Explosive properties:** Not determined.**Lower:** Not determined.**Upper:** Not determined.**Vapour pressure:** Not determined.**Density at 20 °C:** 1 g/cm³**Vapour density:** Not determined.**Evaporation rate:** Not determined.**Solubility in/Miscibility with:-****Water:** Miscible**Partition coefficient: n-octanol/water:** Not determined.**VISCOSITY at 25 °C** > 50 cps**Dynamic:** Not determined.**Kinematic:** Not determined.**Molecular weight** Not determined.**Other information:** No further relevant information available.

10 Stability and reactivity

Reactivity:

Stable under normal conditions.

No further relevant information available.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.**Possibility of hazardous reactions**

No dangerous reactions known.

No further relevant information available.

Conditions to avoid:

Avoid exposure to heat, sources of ignition, and open flame.

Contact with incompatible materials.

Do not freeze.

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Incompatible materials: Strong oxidising agents & acids.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

11 Toxicological information

Information on toxicological effects:

ACUTE TOXICITY Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

64742-88-7 Solvent naphtha (petroleum), medium aliphatic

Dermal	LD50	>6,500 mg/kg (rat)
	LD50	>3,000 mg/kg (rabbit)
Inhalative	LC50, 4h	>14 mg/l (rat)

64742-95-6 Solvent naphtha (petroleum), light aromatic

Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rabbit)
Inhalative	LC50, 4h	>10.2 mg/l (rat)

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	532 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Ingestion:

May be fatal if swallowed and enters airways.

Harmful: may cause lung damage if swallowed.

May cause damage to the central nervous system through prolonged or repeated exposure.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure May cause damage to the central nervous system through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Additional toxicological information:

May cause genetic defects.

May cause cancer.

12 Ecological information

Toxicity:

AQUATIC TOXICITY

2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50, 48h	0.067 mg/l (algae)
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Persistence and degradability: No further relevant information available.

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BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

13 Disposal considerations

Waste treatment methods:

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number NZS, IMDG, IATA	Not Regulated
UN proper shipping name NZS, IMDG, IATA	Not Regulated
Transport hazard class(es) NZS, ADN, IMDG, IATA Class	Not Regulated
Packing group NZS, IMDG, IATA	Not Regulated
Environmental hazards:	Not applicable.
Special precautions for user:	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not Regulated

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

See Section 2 for hazard identification.

HSNO Group Standard Construction Products (Subsidiary Hazard) Group Standard 2017

HSNO Approval Number HSR002544

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Registered in the international inventory lists: NZIoC (New Zealand)**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS:

EHS Department,
Asia Pacific Region
GCP Applied Technologies Operations Center, Inc.,
CTP Asean Tower, Upper Penthouse, Unit 1,
2397 Asean Drive, Spectrum District, Filinvest Alabang, 1781,
Muntinlupa City, Philippines
Tel: + 63 2 8271 2300

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