

Safety Data Sheet according to WHS Regulations

Printing Date: 22.09.2022

Version Number: 1.0

Revision Date: 22.09.2022

1 Identification

Product identifier:Trade name: *Bituthene Primer Type C***Relevant identified uses of the substance or mixture, and uses advised against:**

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

Further information obtainable from:

Tel: 1800 334 444
Fax: +61 7-3275-7801
APMSDS@gcpat.com

Emergency telephone number: After hours - Tel. No. 1800 039 008

2 Hazard(s) Identification

Classification of the substance or mixture:

Flam. Liq. 4 H227 Combustible liquid.

Muta. 1B H340 May cause genetic defects.

Carc. 1B H350 May cause cancer.

STOT RE 2 H373 May cause damage to the central nervous system through prolonged or repeated exposure.

Asp. Tox. 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 aromatic

Solvent naphtha (petroleum), light aliph.

benzene

Hazard statements

Combustible liquid.

May cause genetic defects.

May cause cancer.

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.

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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 according to the criteria of Safe Work Australia.

Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

3 Composition and 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 Flam. Liq. 3, H226 STOT RE 1, H372; Asp. Tox. 1, H304 Acute Tox. 4, H332 Acute Tox. 5, H313	5-<10%
57-11-4	Stearic acid, pure	1-<3%
64742-89-8	Solvent naphtha (petroleum), light aliph. Flam. Liq. 2, H225 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	1-<3%
64742-95-6	Solvent naphtha (petroleum), light aromatic Flam. Liq. 3, H226 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304 Acute Tox. 4, H332 Acute Tox. 5, H313	1-<3%
108-01-0	2-dimethylaminoethanol Flam. Liq. 3, H226 Skin Corr. 1B, H314 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317	0.1-<1%

Additional information:

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication 'List of Designated Hazardous Substances' or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication 'Approved Criteria for Classifying Hazardous Substances'.

4 First Aid Measures

Description of first aid measures:

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

After skin contact: Wash with plenty of soap and water.

After eye contact: Rinse cautiously with water for several minutes.

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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.

Advice for firefighters:**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.

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

Keep only in original container.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection:

Empty containers may retain hazardous residue, both liquid and vapour. Do not cut, drill, grind or weld on or near container, whether empty or full.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

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Conditions for safe storage, including any incompatibilities:

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 and personal protection

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

Control parameters:

Ingredients with limit values that require monitoring at the workplace:

8052-42-4 Asphalt

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
REL (USA)	Peak limitation: 5* mg/m ³ *15-min; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.5* mg/m ³ *inh. fraction; as benzene-soluble aerosol; A4

57-11-4 Stearic acid, pure

TLV (USA)	Long-term value: 10* 3** mg/m ³ *inhalable, **respirable particulate matter, *A4
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108-01-0 2-dimethylaminoethanol

WES (Australia)	Short-term value: 22 mg/m ³ , 6 ppm Long-term value: 7.4 mg/m ³ , 2 ppm
WEL (Great Britain)	Short-term value: 22 mg/m ³ , 6 ppm Long-term value: 7.4 mg/m ³ , 2 ppm

Ingredients with biological limit values:

8052-42-4 Asphalt

BEI (USA)	- Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)
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Additional information: Based on the lists valid at the date of SDS creation.

Exposure controls:

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.

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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.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing and wash before reuse.

9 Physical and Chemical Properties

Information on basic 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.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Not determined.

EXPLOSION LIMITS

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.

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Chemical stability:

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.

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

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)

108-01-0 2-dimethylaminoethanol

Dermal	LD50	2,000 mg/kg (rat)
	LD50	1,370 mg/kg (rabbit)
Inhalative	LC50, 4h	3.25 mg/l (mus)

Primary irritant effect

Skin corrosion/irritation No irritating effect.

Serious eye damage/irritation No irritating effect.

Ingestion:

May be fatal if swallowed and enters airways.

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

Additional toxicological information:

May cause genetic defects.

The product can cause inheritable damage.

May cause cancer.

Other information :

The product was classified according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological Information

Toxicity:

AQUATIC TOXICITY No further relevant information available.

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.

Other adverse effects: No further relevant information available.

13 Disposal considerations

Waste treatment methods:

Recommendation:



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

Refer to State Land Waste Authority for disposal considerations.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number ADG, IMDG, IATA	Not Regulated
UN proper shipping name ADG, IMDG, IATA	Not Regulated
Transport hazard class(es) ADG, ADN, IMDG, IATA Class	Not Regulated
Packing group ADG, 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
UN "Model Regulation":	Not Regulated

15 Regulatory information

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

See Section 2 for hazard identification.

National regulations:

Other regulations, limitations and prohibitive regulations: All ingredients are listed on AICS.

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Registered in the international inventory lists: AICS (Australia)**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.

Relevant phrases:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H313 May be harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H340 May cause genetic defects.

H350 May cause cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

Department issuing SDS:

EHS Department,

Asia Pacific Region

SCIP, Canlubang, Calamba City, Laguna

Philippines 4028

Tel: +63 (02) 8236-6820 to 24

Contact:**The first date of preparation:** 10.12.2019**Number of revision times and the latest revision date:** 1.0 / 22.09.2022