

MATERIAL SAFETY DATA SHEET

The information contained within this MSDS details health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user of this product should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Gripset Industries Pty Ltd. Gripset Industries Pty Ltd makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Gripset Industries Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS

Company	: Gripset Betta Ltd: ACN 142 661 872
Address	: 30-32 Park Avenue, Woodville North SA 5012, Australia
Telephone numbers	: +61 (8) 8124-7300 or 1300 023 882
Facsimile number	: +61 (8) 8124-7350

IDENTIFICATION

Product Name	: Gripset Betta Patch Phalt
Other Names	: None
Manufacturer's Product Code	: BET-RC-009
UN Number	: None assigned
Dangerous Goods Class	: None assigned
Subsidiary Risk	: None assigned
Shipping Name	: None assigned
Hazchem Code	: None assigned
Poisons Schedule Number	: None assigned

Use

Major recommended uses	: Cold mix asphalt
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Physical Description / Properties

Appearance	: Black – aggregate mixture
Flashpoint (°C)	: Not relevant
Flammability	: Non flammable
Decomposition temperature	: >300°C
Solubility in Water	: Nil

Other Properties

Vapour Density	: Not Applicable
Form	: Solid consistency
Stability	: Stable to light, heat at ambient conditions
Hazardous Decomposition Products	: HCL, h ₂ s, sulphur oxides, CO.
Hazardous Polymerisation	: Nil
Materials to avoid	: Extreme heat, oxidisers

Ingredients

Chemical Name:	CAS Number:	Proportion:
Mineral Aggregates	Not Available	95%
Bitumen	8052-42-4	<6%
Additives	Not Available	<3%

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HEALTH HAZARD INFORMATION

Health Effects : *Effects of overexposure – skin irritation*

Acute:

Swallowed	: May cause nausea, stomach cramps and is mildly abrasive.
Eyes & Skin	: Asphalt can be irritating to the eyes and skin and may cause skin sensitization (dermatitis). Cement dust is irritating to the eyes, skin and respiratory system.
Inhaled	: Traces of Hydrogen Sulphide may be present in cold mix asphalt. May cause nausea, dizziness or respiratory irritation.

First Aid

Swallowed	: Rinse mouth out with water or milk. DO NOT GIVE carbonated drinks. Do NOT induce vomiting; Seek medical attention if required.
Eye	: Flush eyes with running water, removing foreign bodies if any, for at least 15 minutes. Seek medical advice if symptoms persist.
Skin	: Wash with water and soap. Seek medical attention if irritation persists.
Inhaled	: If affected, remove subject away from product/area. Keep at rest. Seek medical assistance if symptoms persist.
First Aid Facilities	: Ensure availability of eye wash fountains and/or water, soap access.
Advice to Doctor	: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards : 5 MG/M³ (as a TWA) for bitumen fumes

Engineering Controls : General ventilation is recommended during normal use. Local ventilation may be required during certain operations to prevent inhalation of fumes.

Personal Protection

Respiratory Protection	: When used outside in open conditions no special requirements. In confined spaces or if using repeatedly, respirator equipment must be used. Product must not be heated.
Glove Type	: Neoprene/rubber gloves.
Eye Protection	: Safety glasses as appropriate.
Clothing	: Protective clothing to cover body parts, e.g. long sleeved overalls or similar; and boots.
Other	: Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals. Avoid inhalation of vapours.

TOXICOLOGICAL DATA

Oral toxicity : LD50>2000mg/kg

Dermal toxicity : Non toxic unless used on unexposed skin for prolonged periods. May cause mild skin irritation, rash and dermatitis to exposed skin

Inhalation toxicity : Inhalation may cause headache, nausea and respiratory tract irritation.

Eye and skin toxicity : Non irritating unless used without protection for prolonged periods

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SAFE HANDLING INFORMATION

Storage & Transport

Location	: Storage of opened bags will effectively reduce the quality of the product over time. Transported as non dangerous goods.
Temperature Conditions	: Best stored at room temperature.
Protection from Weather	: Keep dry at all times. Store undercover and away from heat sources.
Storage Incompatibilities	: Extreme heat and oxidisers

Spills & Disposal

Clean Up Spills / Leaks	: Remove solid material by shovel
Disposal	: Dispose of in accordance with Local, State and Federal regulations.
Precautions for Clean Up Crew	: No special precautions are required.

Fire / Explosion Hazard

Hazard of Use / Storage	: Keep away from extreme heat and oxidisers
List of Dangerous Decomposition or Combustion Products	: HCL, h2's, sulphur oxides, CO.
Types of Extinguisher	: Dry Chemical, Foam, CO ₂ , only. Water will cause excessive foaming.
Precautions	: Fire fighters should wear self-contained breathing apparatus and protective clothing
Protective Clothing	: Fire fighting clothing

OTHER INFORMATION

Ecology	: Avoid contaminating waterways and sewers.
Packaging & Labelling	: In 20kg pails

CONTACT POINT

Gripset Technical Department	: +61 (8) 8124-7300 or 1800 650 435
Australia Poisons Information Centre	: 13 11 26
Police & Fire Brigade:	: 000

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