



Asphalt Hot Mix

Safety Data Sheet

Section 1: Identification of the Material and Supplier

Company Details	Pioneer North Queensland Pty Ltd ABN 80 068 203 734
Address	Lot 5, Maconachie Street Woree QLD 4870
Tel/Fax	Tel: +61 7 4047 8300 Fax: +61 7 4047 8311
Emergency Contact No	1800 882 478

Product	ASPHALTIC CONCRETE
Other Names/ Synonyms	Asphalt, Hotmix
Use	Surfacing Road, Footpaths
Other Information	NA

Section 2: Hazards Identification

Not classified as hazardous according to criteria of Worksafe Australia

Section 3: Composition / Information On Ingredients

All significant constituents are listed below:

Major Ingredients:

Name	CAS	Proportion
Bitumen (Various Road Grades including Polymer Modified)	CAS: 8052-42-4 EC: 232-490-9	3-10 %
Limestone	Not Assigned	0-10 %
Non-Hazardous Additives	Not Assigned	0-10 %
Mineral Aggregate	Not Assigned	80-95 %

Section 4: First Aid Measures

Swallowed	Treatment is not usually necessary unless a large quantity is ingested. If hot product is ingested, drink cold water and seek medical advice
Eye	Flush with water for at least 20 minutes. If irritation occurs seek medical advice
Skin	Remove contaminated clothing and wash skin thoroughly with soap and water. Do not use solvents or thinners to remove materials from skin. Bitumen can be removed with vegetable or mineral oil
Inhaled	Treatment is not ordinarily required. Move to fresh air if affected and seek medical attention if symptoms persist
First Aid Facilities	Eyewash, and water as a minimum

Advice to Doctor: None



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Section 5: Fire Fighting Measures

Flammability	The bitumen component is combustible but is unlikely to catch fire
Hazards from combustion products	None
Suitable extinguishing media	CO2, Dry Chemical, Foam, Water Spray
Special protective precautions and equipment for fire fighters	For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
Hazchem code	None allocated

Section 6: Accidental Release Measures

Spills and Disposal:

- Waste material is a solid not considered to be an environmental risk. Any disposal must be in accordance with local legislation.

Fire / Explosion Hazard:

- The bitumen component is combustible but is unlikely to catch fire. In the eventuality of a fire, smother with sand or as per procedure set out above in Section 5.

Section 7: Handling And Storage

Storage Precautions	No special storage requirements
Transport	No special transport requirements
Proper Shipping Name	None Allocated

Section 8: Exposure Controls / Personal Protection

Exposure Standards

- No exposure standard has been established for this product, however, exposure conditions applicable to hot bitumen must be observed – refer MSDS for Mexphalte SE and AS

Engineering Controls

- Special ventilation is not normally required. Nevertheless, adequate ventilation to keep mists and/or vapour levels to a minimum should be provided

Personal Protection:

Avoid contact with the skin and eyes, and avoid breathing vapours or mists.

When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:

- Leather or PVC gloves
- Long sleeves and pants
- PVC or rubber boots



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Skin	Avoid contact with the skin
Eyes	Avoid contact with eyes. Eye wash fountains and safety showers should be available for emergency use
Respiratory	Avoid breathing vapours or mist. Where elevated concentrations of vapour or mists are expected to arise, appropriate respiratory protective equipment should be worn
Clothing	If contamination of clothing occurs, change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene

For detailed advice on Personal Protective Equipment, refer to the following Australian Standards: -

HB9 (Handbook 9) Manual of industrial personal protection.

AS1715 Selection, use and maintenance of respiratory protective devices.

AS1716 Respiratory protective devices.

Section 9: Physical And Chemical Properties

Appearance	Solid black mixture with aggregate at ambient temperature
Odour	Oily smelling
Ph	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/range	Not determined
Freezing/melting point	Not determined
Solubility	Not soluble
Specific gravity	2-2.4kg/L
Flash Point	>200°C
Upper and lower flammability Limits	Not applicable
Ignition Temp	Not applicable
Particle Size	Not applicable
% Volatiles	<1%

Section 10: Stability And Reactivity

Chemical Stability	NA
Condition to avoid	NA
Incompatible materials	NA
Hazardous Decomposition Products	NA
Hazardous Reactions	NA



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Section 11: Toxicological Information

Health Effects

Acute (short term) -

Swallowed	Not acutely toxic
Eye	Hot material will cause serious burns
Skin	Prolonged contact with skin may cause irritation
Inhaled	Exposure to fumes from hot product may cause irritation to respiratory tract

Chronic (long term) -

Eyes	Effects not known
Skin	Effects not known
Inhaled	Effects not known

Section 12: Ecological Information

Ecotoxicity	NA
Persistence and Degradability	NA
Mobility	NA
Dust	NA

Section 13: Disposal Considerations

Disposal	Any disposal must be in accordance with local legislation
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Section 14: Transport Information

UN Number	None Allocated
UN proper Shipping name	None Allocated
Class and subsidiary risk	None Allocated
Packing Group	None Allocated
Hazchem Code	None Allocated
Special precautions for user	See Above
DG class	None Allocated

Section 15: Regulatory Information

Classification	Not classified as hazardous according to criteria of Worksafe Australia
Hazard Symbol	None allocated
Poisons Schedule	None allocated



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Section 16: Other Information

Emergency Contact No (All hours)

1800 882 478

Emergency Contact No (Office Hours)

Contact For further information contact the Risk Manager at your nearest PNQ office;

Queensland

Lot 5, Maconachie Street

Woree QLD 4870

Ph: (07) 4047 8300

Fax: (07) 4047 8311

Authorised by: David Pallot

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