

# MATERIAL SAFETY DATA SHEET

DOCUMENT MSDS001\_csl

Hot Mix Asphalt

Issue Date: 23/09/08

## STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous

## COMPANY DETAILS

Company:	Much Asphalt (Pty) Ltd
Address:	Head Office PO Box 49, Eerste River, 7103
Telephone Number:	(021) 9004400
Emergency Telephone Number:	10111

## IDENTIFICATION

Product Name:	ASPHALT
Synonyms:	Asphalt, Hotmix, Premix
Manufacturer's Product Code:	Not Applicable
UN Number:	Not Assigned
Dangerous Goods Class:	Not Assigned
Subsidiary Risk:	Not Assigned
Hazchem Code:	Not Assigned
Poisons Schedule Number:	Not Assigned
Use:	Surfacing Road, Footpaths

## PHYSICAL DESCRIPTION/ PROPERTIES

Appearance & Odour:	Oily smelling, solid black mixture with aggregate at ambient temperature
Boiling Point:	Not Relevant
Melting Point:	Not Relevant
Vapour Pressure:	Not Relevant
Specific Gravity:	2-2.4kg/L
Flashpoint:	>200°C
Flammability Limits:	Lower – N/A    Upper – N/A
Solubility in Water:	Not soluble
% Volatiles	>1%

## INGREDIENTS

Chemical Name:	CAS Number	Proportion (%)
Bitumen (Grade 40/5, 60/70, 80/100)	Not Assigned	3 – 10
Limestone	Not Assigned	0 – 10
Non Hazardous Additives	Not Assigned	0 – 10
Mineral Aggregate	Not Assigned	80 – 95

# MATERIAL SAFETY DATA SHEET

DOCUMENT MSDS001\_csl

Hot Mix Asphalt

Issue Date: 23/09/08

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

#### Acute

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:	effects not known

### FIRST AID

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 minimum.

### ADVISE TO DOCTOR

None

## PRECAUTIONS FOR USE

### EXPOSURE STANDARDS

No exposure standard has been established for this product, however, exposure conditions applicable to hot bitumen must be observed – refer MSDS for Mexphalt 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.

# MATERIAL SAFETY DATA SHEET

DOCUMENT MSDS001\_csl

Hot Mix Asphalt

Issue Date: 23/09/08

## PRECAUTIONS FOR USE (Continued)

### PERSONAL PROTECTION

Avoid contact with the skin and eyes and avoid breathing vapour 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:

- (1) Leather or PVC gloves
- (2) Long sleeves and pants
- (3) PVC or rubber boots

Where elevated concentrations of vapour or mists are expected to arise, appropriate respiratory protective equipment should be worn.

If contamination of clothing occurs, change clothing and discard internally, contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene.

Eye wash fountains and safety showers should be available for emergency use.

### FLAMMABILITY

## SAFE HANDLING INFORMATION

### STORAGE AND TRANSPORT

No special requirements

### SPILLS AND DISPOSAL

Waste material is a solid and is not considered to be 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 below.

### FIRE FIGHTING PROCEDURES

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

### EXTINGUISHING MEDIA

CO<sub>2</sub> Dry Chemical, Foam, Water Spray

### OTHER INFORMATION

None

\*\*END\*\*