



MATERIAL SAFETY DATA SHEET

BITUMEN MSDS

Road Construction

1. Identification of substance and supplier Substance/preparation:

Bitumen Supplier: www.bitumenshop.com

Email: info@bitumenshop.com

Hazard Information

2. Composition/information on ingredients

The product contains no dangerous substances per EC Directive 67/548/EEC and further modifications and adaptations pointed out in this publication.

3. Hazardous identification

Inhalation of vapour or mist can cause headache, nausea, irritation of nose and lungs. Eye Contact with material can cause slight irritation. Prolonged or repeated skin contact can cause slight skin irritation.

Emergency Action

4. First aid measures

Eye contact: If the substance has entered, the eyes then irrigate with emergency eye wash solution

(If available) or clean water for up to 15 minutes. Seek medical attention.

Skin contact: Remove contamination with proprietary skin cleaner, followed by washing with soap and Water. If irritation persists, seek medical attention.

Ingestion: If swallowed seek medical advice immediately. Do not induce vomiting.

Inhalation: If inhalation occurs, remove the patient into fresh air. Keep warm and at rest.

5. Firefighting measures

There are no risks of fire or explosion as the products identified are non-combustible. The product is non-flammable but it can cause dangerous fumes if there is a fire. If necessary, wear breathing apparatus.

6. Accidental release measures

Avoid skin contact, wear suitable protective equipment (see 8.1). Cleaning up: Extinguish sources of heat and fire. Cover leaks with absorbent material such as sand. Disperse left-over material with water or foam spray, do not use vacuum.

Precautions

7. Storage & handling





Storage: Store in unopened containers. Storage temperature limits are 1 deg c to 50 deg c.

Handling: Avoid prolonged skin contact, avoid contact with eyes. Take usual hygiene measures. Ensure adequate ventilation.

8. Exposure controls/personal protection

Personal protective equipment:

a. Respiratory protection: Use breathing apparatus in case of inhaling vapours for a long-time.

b. Hand & skin protection: Avoid skin contact by wearing protective clothing, for example:

Waterproof gloves, overalls and boots. Change heavily contaminated clothing as soon as possible and launder before re-use.

c. Eye protection: Wear waterproof protective glasses.

Product Information

9. Physical & chemical properties

FORM **Solid**

COLOUR **Black**

ODOUR **Characteristic**

SPECIFIC GRAVITY **1.00**

SOLUBILITY IN WATER **Dilatable**

ALKALINITY –PH **N/A**

BOILING POINT/BOILING RANGE > **250°C**

MELTING POINT/MELTING RANGE > **100°C**

FLASH POINT **N/A**

FLAMMABILITY & AUTO FLAMMABILITY **N/A**

OXIDISING PROPERTIES **N/A**

VAPOUR PRESSURE **N/A**

10. Stability & reactivity

The product is stable in normal usage & storage conditions at environmental temperatures. Thermal

Decomposition or burning may release oxides of carbon and other toxic gases or vapours.

11. Toxicological information

See 10.

12. Ecological information

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There are no known Eco Toxic effects in the existing patterns of production, handling, storage and use.

13. Disposal considerations

Coagulate the dispersion by the stepwise addition of ferric chloride and lime, Remove the clear

Supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

Additional Information

14. Transport information

Not hazardous, Classification for conveyance - not required, Goods are None DG as per IATA regulations.

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