



MATERIAL SAFETY DATA SHEET

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RECOMMENDED USES

Instant repair of bituminous pavements e.g. Potholes, utility cuts.

KNOWN MISUSES/ABUSES

Not known.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY /UNDERTAKING

PRODUCT National Cold Asphalt.

COMPANY NAME National Cold Asphalt

ADDRESS P.O. Box 268 Morningside 2057 South Africa

PHONE NUMBER +27 (0) 11 883 6095 **FAX** +27 (0) 11 462 0876

EMERGENCY PHONE NUMBER +27 (0) 82 514 5841

2. COMPOSITION/INFORMATION ON INGREDIENTS

Aggregate coated with bitumen containing diluent fluxes.

3. HAZARD IDENTIFICATION

Not classified as hazardous but may cause irritation to skin to sensitive skin.

4. FIRST AID MEASURES

INHALATION

Remove affected person to fresh air, obtain medical attention if symptoms persist.

SKIN

If irritation develops seek medical attention.

EYES

Irrigate thoroughly with cold water and seek medical advice.

INGESTION

Not likely. Seek medical attention for symptoms apparently due to ingestion of National Cold Asphalt.



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5. FIRE-FIGHTING MEASURES

Extinguisher fires using foam, dry powder, carbon dioxide, sand, earth or water fog. Do not use water jets.

6. ACCIDENTAL RELEASE MEASURES

Contain and dispose as a controlled waste.

7. HANDLING AND STORAGE

HANDLING

Supplied in open bulk loads, 1 ton bulk bags or 25 kg sealed plastic bags. Adopt safe lifting procedures when handling bags manually.

STORAGE

Avoid storage at below 0 degrees Celsius.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION EXPOSURE LIMIT VALUES

There are no relevant occupational exposure limits in e40.

RECOMMENDED PROTECTIVE CLOTHING

Wear gloves and safety shoes/boots. Use of barrier cream before work will assist subsequent cleansing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state.....graded, bitumen coated aggregate
- Appearance.....black
- Odour.....very light kerosene-type odour
- Acidity/alkalinity.....neutral
- Boiling point/boiling range.....not applicable
- Melting point/melting range.....not applicable
- Flashpoint.....not applicable
- Flammability.....not applicable
- Auto flammability.....not applicable
- Flammability limits
- Upper.....not applicable
- Lower.....not applicable
- Explosive properties.....not applicable



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Oxidizing properties.....not applicable
Vapour pressure at 40 degrees Celsius.....nil
Density at 15 degrees Celsius.....2.35 g/cc
Compacted density at 20 degrees Celsius....1.9 g/cc
Solubility
Water solubility.....non-soluble
Fat solubility/solvent.....soluble in common solvents
Partition coefficient,
N-octanol water.....not applicable
Viscosity at 15 degrees Celsius.....solid

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID Temperatures below 0 degrees Celsius.
MATERIALS TO AVOID Solvents.
DECOMPOSITION Product does not decompose.

11. TOXICOLOGICAL INFORMATION

Acute health hazards and advice:
Exposure to Nation Cold Asphalt is not hazardous but skin contact should be avoided.

12. ECOLOGICAL INFORMATION

National Cold Asphalt does not present any special hazards.

13. DISPOSAL CONSIDERATIONS

Dispose as a controlled waste in accordance to local bye-laws.

14. TRANSPORT INFORMATION

Not classified as hazardous for conveyance.

15. REGULATORY INFORMATION

Not classified as a hazardous substance for supply.