



Material Safety Data Sheet

Beram DF

1. PRODUCT MANUFACTURER / MSDS PREPARATION INFORMATION

Product Manufacturer/ Supplier: McAsphalt Industries Ltd.
8800 Sheppard Ave. East
Scarborough, Ontario
M1B 5R4
(416) 281-8181

MSDS Prepared By: Operations Department

Product: Beram DF (Direct Fire)
Product Use: Joint and Crack Sealant
Revision Date: February 5, 2010
Supercedes: January 8, 2008

EMERGENCY NUMBER: CANUTEC – (613) 996-6666
WHMIS: Not Controlled
TDG: Not Regulated
Workplace Label: Health-1 Fire-0 Reactivity – 0 Compliance Center

2. INGREDIENTS / COMPOSITION

COMPONENT(S)	CAS #	% (w/w)	LD ₅₀	LC ₅₀	PIN
Asphalt	8052-42-4	60-100	N/A	N/A	N/A
Ground Rubber	64741-88-4	10-30	N/A	N/A	N/A
Filler	Proprietary	15-40	N/A	N/A	N/A
Polymer	Mixture	1-5	N/A	N/A	N/A

3. PHYSICAL DATA

Physical State: Solid
Specific Gravity: 1.25
Freezing Point: 0°C
Boiling Point: N/A
Vapour Pressure: N/A
Vapour Density: N/A

Appearance: Black
Odour: Tar
Odour Threshold: N/A
Solubility: N/A_v
Evaporation Rate: N/A_v
pH: N/A

4. FIRE & EXPLOSION HAZARD

Flash Point & Method: 260°C (COC)
Auto-Ignition Temperature: >400°C

Lower Flammability Limit: N/A
Upper Flammability Limit: N/A

Fire Fighting Media: Foam, Dry Chemical, Water spray with caution
Explosion/Flammability: N/A
Hazardous Combustion Products: CO, NO_x, SO_x, sulphur products

5. REACTIVITY DATA

Stability: Stable
Incompatible Materials: Water, or materials with low flash points
Conditions of Reactivity: N/A
Hazardous Decomposition Products: CO, SO_x, NO_x, other Sulphur compounds
Synergistic Products: None

6. HEALTH HAZARD INFORMATION

Skin: can cause skin irritation, dermatitis. Skin defatting with chronic exposure

Eyes: danger when hot

Inhalation: yes

Exposure Limit: 5mg/M³ Asphalt fumes, caution in confined spaces

Ingestion: unlikely, should be avoided

No known carcinogenic, teratogenic or reproductive effects.

7. PREVENTATIVE MEASURES

Personal Protective Equipment: Gloves, goggles, faceshield

Handling/Shipping/Storage: Containers cleaned thoroughly before use.

Ventilation: Ensure adequate ventilation

Disposal: See appropriate federal, provincial, municipal regulations

LEAKS AND SPILLS: Contain with earth or sand, allow to cool and harden. Eliminate sources of ignition. Notify authorities when in water, or large spills.

8. FIRST AID

SKIN: DO NOT REMOVE HOT ASPHALT FROM BURN! Cool in water and if irritation persists seek medical aid

EYES: Gently flush with lots of water. Seek Medical Help.

INHALATION: Remove victim to fresh air. Seek Medical Help.

INGESTION: Give lots of water to drink. Seek Medical Help.

9. NOTE

The information contained herein relates only to this product or material and may not be valid when used in combination with any other product or material or in any process. If the process is not to be used under conditions, which are normal or reasonably foreseeable, this information cannot be relied upon as complete or applicable. The information contained herein is based upon the information available at the indicated date of preparation, the above supplier assumes no liability whatsoever for the accuracy or completeness of the information.