



# Material Safety Data Sheet

## Beram 190

### 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 190

**Product Use:** Joint and Crack Sealant

**Revision Date:** February 8, 2010

**Supercedes:** January 8, 2010

**EMERGENCY NUMBER: CANUTEC – (613) 996-6666**

**WHMIS:** Not Controlled

**TDG:** Not Regulated

**Workplace Label:** Health-2 Fire-0 Reactivity – 0 Compliance Center

### 2. INGREDIENTS / COMPOSITION

COMPONENT(S)	CAS #	% (w/w)	LD <sub>50</sub>	LC <sub>50</sub>	PIN
Asphalt	8052-42-4	30-60	N/A	N/A	N/A
Ground Rubber	64741-88-4	15-40	N/A	N/A	N/A
Oil	64742-04-7	10-30	N/A	N/A	N/A
Filler	Proprietary	0-8	N/A	N/A	N/A
Polymer	Mixture	3-9	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<sub>v</sub>

**Evaporation Rate:** N/A<sub>v</sub>

**pH:** N/A

### 4. FIRE & EXPLOSION HAZARD

**Flash Point & Method:** 260°C

**Auto-Ignition Temperature:** >400°C

**Fire Fighting Media:** Foam, Dry Chemical, Water spray with caution

**Explosion/Flammability:** N/A

**Hazardous Combustion Products:** CO, NO<sub>x</sub>, SO<sub>x</sub>, sulphur products

**Lower Flammability Limit:** N/A

**Upper Flammability Limit:** N/A

### 5. REACTIVITY DATA

**Stability:** Stable

**Incompatible Materials:** Water, or materials with low flash points

**Conditions of Reactivity:** N/A

**Hazardous Decomposition Products:** CO, SO<sub>x</sub>, NO<sub>x</sub>, 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/M<sup>3</sup> 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, face shield

**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

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