



## SAKRETE Asphalt Repair

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	SAKRETE Asphalt Repair
<b>Product Identifier</b>	SAKRETE Asphalt Repair
<b>MSDS No.</b>	0162
<b>Product Family</b>	KING Home Improvement Products
<b>Manufacturer / Supplier</b>	King Packaged Materials Company, 3385 Harvester Road, Burlington, Ontario, L7R 3Y5, www.kpmindustries.com
<b>Emergency Contact Information</b>	King Packaged Materials, (800) 430-4104, 8:30am-4:30pm
<b>Use</b>	Used to repair asphalt drives, walks, and parking areas that have sunk, wide cracks, pot holes or are damaged from gas and oil.

### 2. HAZARDS IDENTIFICATION

#### Potential Health Effects

**Route of Exposure** Inhalation; skin contact; skin absorption; eye contact; ingestion.

**Inhalation** Cutting or grinding will release dust. Exposure to airborne concentrations above exposure limits may cause irritation of the nose, throat and lungs.

**Skin Contact** Repeated or prolonged exposure can irritate the skin. Contact with hot product may result in burns.

**Eye Contact** Airborne dust may cause immediate or delayed irritation or inflammation. May cause permanent eye damage if contact is not eliminated immediately.

**Ingestion** Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**Effects of Long-Term (Chronic) Exposure** This product contains crystalline silica. Prolonged or repeated inhalation of the respirable crystalline silica can cause silicosis, a seriously disabling and potentially fatal lung disease. See Section 4 for further information.

**Teratogenicity / Embryotoxicity** No information was located.

**Reproductive Toxicity** No information was located.

**Mutagenicity** No information was located.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Aggregate	Various	90-95%	
Asphalt	8052-42-4	1-5%	
Tallow Alkyl Amine	67-63-0	1-5%	
Diesel oil	68334-30-5	1-5%	

**Notes** Other additives not controlled through WHMIS or other legislation.

### 4. FIRST AID MEASURES

#### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.
<b>Skin Contact</b>	Immediately wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Baby oil is helpful in removing residual material. If skin irritation or a rash occurs, see a doctor. BURNS - DO NOT attempt to remove asphaltic material; seek medical attention immediately.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek medical attention for abrasions.
<b>Ingestion</b>	NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. If conscious, have the victim drink plenty of water and call a physician immediately.

## 5. FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog. Use extinguishing media appropriate for surrounding fire.
<b>Specific Hazards Arising from the Chemical</b>	Combustible solid; avoid breathing fumes.
<b>Protective Equipment and Precautions for Firefighters</b>	A SCBA is recommended to limit exposure to combustion products when fighting any fire.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
<b>Environmental Precautions</b>	Do not allow into any sewer, on the ground or into any waterway.
<b>Methods for Containment and Clean-up</b>	Use a shovel to scrape up material and place in a suitable, tightly closed container. Review Section 13 (Disposal Considerations) of this MSDS.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid generating dusts. Bagged product is heavy and poses risks such as sprains and strains to the back, the arms, the shoulders and the legs during lifting and mixing.
<b>Storage</b>	Keep containers tightly closed when not in use. Storage containers should be grounded. Store away from oxidizing materials and all sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Asphalt	0.5 mg/m <sup>3</sup> A4					
Tallow Alkyl Amine	200 ppm A4	400 ppm	400 ppm			
Diesel oil	100 mg/m <sup>3</sup> A3 Skin					

**Exposure Guideline Comments** Mechanical ventilation recommended in enclosed areas.

**Engineering Controls** Under normal conditions, engineering controls are not required.

### Personal Protective Equipment (PPE)

**Eye/Face Protection** Wear chemical safety goggles and face shield when contact is possible.

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**Skin Protection** Personal protective equipment for the body should be selected based on the task being performed. This includes gloves, coveralls and footwear. DO NOT wear natural rubber or polyvinyl chloride gloves.

**Respiratory Protection** Not normally required if product is used as directed. Respiratory protection should be worn when cutting or grinding.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid
<b>Appearance</b>	Black Solid.
<b>Odour</b>	Oily
<b>Odour Threshold</b>	Not applicable
<b>Boiling Point</b>	295 - 705 °F
<b>Freezing Point</b>	Not applicable
<b>Relative Density (water = 1)</b>	2.6 - 2.8
<b>Solubility in Water</b>	Insoluble.
<b>pH</b>	Not applicable
<b>Partition Coefficient, n-Octanol/Water</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flash Point</b>	> 37.8 °C
<b>Lower Flammable/Explosive Limit</b>	Not available
<b>Upper Flammable/Explosive Limit</b>	Not available
<b>Auto-ignition Temperature</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Unstable under certain conditions - see Conditions to Avoid.
<b>Conditions to Avoid</b>	Open flames, sparks, static discharge, heat and other ignition sources.
<b>Incompatible Materials</b>	Increased risk of fire and explosion on contact with: strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid).
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, sulfur dioxide.
<b>Possibility of Hazardous Reactions</b>	May ignite if over-heated or in the presence of strong oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Tallow Alkyl Amine	17000 ppm (rat) (4-hour exposure)		12890 mg/kg (rabbit)
Diesel oil		> 5000 mg/kg (rat)	

### Skin Irritation / Corrosion

Petroleum fraction includes many naturally occurring Polycyclic Aromatic Hydrocarbons (PAH's). Certain species of PAH's have been implicated in the incidence of skin cancer in test animals.

### Effects of Short-Term (Acute) Exposure

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**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Carcinogenicity**

Not specifically evaluated.

No information was located for: Eye Irritation / Corrosion, Effects of Short-Term (Acute) Exposure, Effects of Long-Term (Chronic) Exposure, Respiratory and/or Skin Sensitization, Teratogenicity / Embryotoxicity, Reproductive Toxicity, Mutagenicity, Toxicologically Synergistic Materials

**12. ECOLOGICAL INFORMATION**

**General Comments** This section is not required by WHMIS.

**13. DISPOSAL CONSIDERATIONS**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

**14. TRANSPORT INFORMATION****Shipping Information**

Regulation	UN No.	Shipping Name	Class	Packing Group
Canadian TDG	UN1999	TARS, LIQUID, including road asphalts & oils, bitumen & cut backs (Asphalt)	3	II

**Other Transport Information**

**Special Shipping Information** Not applicable

**15. REGULATORY INFORMATION****Canada****WHMIS Classification**

Class B3

B3 - Combustible Liquid

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

**16. OTHER INFORMATION**

**MSDS Prepared By** King Packaged Materials

**Phone No.** 905-639-2993

**Date of Preparation** December 03, 2013

**Disclaimer** To the best of our knowledge, the information contained herein is accurate. However, neither KPM Industries Ltd., nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All

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materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.