



## **MATERIAL SAFETY DATA SHEET**

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### **SECTION 1 - PRODUCT INFORMATION**

Trade name: **Quick Roof**

Description: Waterproofing membrane based on polymer-modified asphalt.

HMIS Hazard Rating (0 = least 1 = slight 2 = moderate  
3 = high 4 = extreme)

Health - 1

Flammability - 1

Reactivity - 0

### **SECTION 2 - HAZARDOUS INGREDIENTS**

<u>Ingredient</u>	<u>C.A.S. Number</u>	<u>Exposure Limit</u>	
Asphalt fume	8052-42-4	OSHA PEL None	ACGIH TLV 5 mg/M3

Carcinogenicity: Asphalt is IARC listed

### **SECTION 3 - PHYSICAL DATA**

Boiling Point: Not Applicable  
Solubility in Water: Nil  
Appearance and odor: Black resinous material  
Specific Gravity (H<sub>2</sub>O = 1.0): 0.9  
Melting Point: >200 degrees Fahrenheit

### **SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point: >400 degrees Fahrenheit  
Method Used: Cleveland Open Cup  
Extinguishing Media: Dry chemical or foam  
Special Fire Fighting  
Instructions: Treat as hydrocarbon fire

## **SECTION 5 - HEALTH HAZARD DATA**

Primary Route of Entry:

Inhalation, skin

Health Hazards:

No data

Acute

Upper respiratory tract irritation. May cause nausea or dizziness.

Chronic

There are no studies to indicate that asphalt causes cancer in man. This petroleum based product contains a small amount of polyaromatic hydrocarbons which have been shown to cause cancer and respiratory damage in laboratory animals

Skin Contact

Acute

Prolonged exposure to cold material may cause dermatitis. Contact with hot material will cause thermal burns. Exposure to asphalt fumes increase sensitivity to sunburn.

Chronic

Mouse skin painting studies give evidence of skin cancer.

Eye Contact

Acute

Fumes from heated material will cause irritation.

Chronic

None known

Signs and Symptoms of Exposure

Upper respiratory tract, eye and skin irritation.

### **EMERGENCY FIRST AID PROCEDURES**

Inhalation

Remove individual to fresh air. If irritation persists, administer oxygen and seek medical attention.

Skin

Cool hot material with ice or cold water. DO NOT REMOVE ASPHALT IMMEDIATELY. Cover with petroleum jelly and remove when softened. Seek medical attention.

Eyes

Flush with running water for at least 15 minutes. Seek medical attention.

Ingestion

Do NOT induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical advise.

## **SECTION 6 - REACTIVITY DATA**

**Stability**

Stable

**Conditions to avoid**

None that are known

**Hazardous Decomposition Products**

CO, CO<sub>2</sub> and various hydrocarbons.

**Hazardous Polymerization**

Will not occur

**SECTION 7 - SPILL OR LEAK PROCEDURES****Action to take for spills**

Material is solid

**Waste Disposal Method**

Approved for landfills

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

This section applies when working with material heated above ambient temperature.

Ventilation

Ambient or natural, mechanical ventilation may be needed when working in confined spaces.

Respiratory Protection

If fumes exceed 5-mg/M<sup>3</sup> uses approved organic vapor respirator with a particulate prefilter.

Protective Clothing

Long sleeve shirt, long pants and gloves should be worn when working with hot material.

Eye Protection

Safety glasses or face shield.

Work/ Hygienic Practices

Work upwind from asphalt fumes. Wash with soap and warm water at end of day.