

# SAFETY DATA SHEET

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

### Product identifier

Product Name PRO-PAK Asphalt Repair

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Asphalt/Blacktop Patch

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name BOMAT Ltd  
Supplier Address 91-400 Komohana Street  
Kapolei  
Hawaii  
96707  
US  
Supplier Phone Number Phone:8086732000  
Contact Phone8086732000  
Supplier Email BRIANDEER@HAWAII.RR.COM  
Emergency telephone number

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 2
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### GHS Label elements, including precautionary statements



## Emergency Overview

Signal word

Warning

## Hazard Statements

Suspected of causing cancer



Appearance Black

Physical State Granular Solid

Odor Hydrocarbons

## Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

## Precautionary Statements - Storage

Store locked up

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity

Other information

No information available

Interactions with Other Chemicals

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Asphalt	8052-42-4	10 - 30	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

**First aid measures****General Advice**

Immediate medical attention is required.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact**

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Remove to fresh air. If symptoms persist, call a physician.

**Ingestion**

Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information available.

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid contact with eyes.
Other Information	Refer to protective measures listed in Sections 7 and 8.

### Environmental Precautions

Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
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### Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.
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### Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed.
Incompatible Products	None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Asphalt 8052-42-4	TWA: 0.5 mg/m <sup>3</sup> benzene soluble aerosol fume, inhalable fraction	-	Ceiling: 5 mg/m <sup>3</sup> fume 15 min

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines	See section 15 for national exposure control parameters
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### Appropriate engineering controls



<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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#### **Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	No special protective equipment required.
<b>Skin and Body Protection</b>	Wear protective gloves and protective clothing.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Physical and Chemical Properties**

<b>Physical State</b>	Granular Solid	<b>Odor</b>	Hydrocarbons
<b>Appearance</b>	Black	<b>Odor Threshold</b>	No information available
<b>Color</b>	Black		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
<b>pH</b>	No data available	None known
<b>Melting / freezing point</b>	N/A	None known
<b>Boiling point / boiling range</b>	>200°C	None known
<b>Flash Point</b>	Approx 160°C	None known
<b>Evaporation Rate</b>	>0.1	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
<b>Vapor pressure</b>	>10 @20°C	None known
<b>Vapor density</b>	4.8	None known
<b>Specific Gravity</b>	0.97-1.5	None known
<b>Water Solubility</b>	Negligible	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

### **Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Keep away from open flames, keep away from oxidizers, avoid temperature extremes.

### Incompatible materials

Strong oxidizers.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Vapors may cause irritation to the lungs after repeated exposure.
Eye Contact	Direct contact to eyes may cause permanent damage.
Skin Contact	May be a skin irritant to some people.
Ingestion	Stomach irritation, nausea and vomiting.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt 8052-42-4	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.



**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Asphalt 8052-42-4		Group 2B	Reasonably Anticipated	X

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

**NTP (National Toxicology Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied. Contains a known or suspected carcinogen.

**Target Organ Effects** Respiratory system. Eyes. Skin. Gastrointestinal tract (GI).

**Aspiration Hazard** No information available.

#### Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

The environmental impact of this product has not been fully investigated.

#### Persistence and Degradability

No information available.

#### Bioaccumulation

Chemical Name	Log Pow
Asphalt 8052-42-4	>6

#### Other adverse effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

#### Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Asphalt 8052-42-4		Included in waste stream: K022		

California Hazardous Waste Codes 331

### 14. TRANSPORT INFORMATION

DOT  
Proper Shipping Name  
Hazard Class

NOT REGULATED  
NON REGULATED  
N/A

TDG

Not regulated

MEX

Not regulated

ICAO

Not regulated

IATA  
Proper Shipping Name  
Hazard Class

Not regulated  
NON REGULATED  
N/A

IMDG/IMO  
Hazard Class

Not regulated  
N/A

RID

Not regulated

ADR

Not regulated

ADN

Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

TSCA  
DSL

Complies  
All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory





DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

## US Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Asphalt - 8052-42-4	8052-42-4	10 - 30	0.1

### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Asphalt 8052-42-4	X	X	X		X

## International Regulations

### **Mexico**

#### **National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Asphalt 8052-42-4 ( 10 - 30 )		Mexico: TWA 5 mg/m <sup>3</sup> Mexico: STEL 10 mg/m <sup>3</sup>

Mexico - Occupational Exposure Limits - Carcinogens

### **Canada**

#### **WHMIS Hazard Class**

D2A - Very toxic materials



**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>1</b>	<b>Flammability</b>	<b>0</b>	<b>Instability</b>	<b>0</b>	<b>Physical and Chemical Hazards</b>	<b>-</b>
<b>HMIS</b>	<b>Health Hazards</b>	<b>1*</b>	<b>Flammability</b>	<b>0</b>	<b>Physical Hazard</b>	<b>0</b>	<b>Personal Protection</b>	<b>X</b>

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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<b>Revision Note</b>	No information available

**Disclaimer**

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**End of Safety Data Sheet**