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and The Weather  
Since 1928

# Safety Data Sheet

## 1: IDENTIFICATION AND EMERGENCY INFORMATION

**PRODUCT NAME: BLACK PEARL WATERPROOFING SHEET MEMBRANE**

**Manufacturer's Name:** Barrett Company, Inc.  
33 Stone House Road  
Millington, New Jersey 07946

**CHEMTREC EMERGENCY PHONE:** 800-424-9300  
**INFORMATION PHONE:** 800-647-0100  
**DATE PREPARED:** October 8, 2018

**Recommended Use:** Waterproofing sheet membrane.

**Restrictions on Use:** For use only and exclusively by trained commercial waterproofing and roofing contractors.

## 2: HAZARDS IDENTIFICATION

### 2.1. OSHA Regulatory Status

Not Classified. These products are classified as Articles under the US OSHA Hazard Communication Standard 29CFR 1910.1200, Canada WHMIS and the GHS

### 2.2. GHS Label elements, including precautionary statements

#### GHS-US labeling

Hazard pictograms (GHS-US) :  
Signal word (GHS-US) : None

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## 3: COMPOSITION AND INFORMATION ON INGREDIENTS

### 3.1 Substances

Substance type : Multi-constituent  
Name : BLACK PEARL Sheet Membrane  
CAS No : N/A

Name	Product identifier	%	GHS-US classification
			None

Full text of hazard classes and H-statements : see section 16

### 3.2. Mixtures

Contains asphalt / asphalt blending stocks: straight run residue / asphalt, not cut back / asphalt, petroleum / asphalt, straight reduced / asphalt, straight run / asphalt, syriac / bitumen

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**4: FIRST AID MEASURES**

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**4.1 Description of first aid measures**

First-aid measures general : Wash with soap and water  
First-aid measures after inhalation :  
First-aid measures after skin contact :  
First-aid measures after eye contact : Rinse with water for at least 15 minutes  
First-aid measures after ingestion :

**4.2 Most important symptoms and effects (acute and delayed)**

Symptoms/injuries after inhalation : ON HEATING: Headache. Irritation of the respiratory tract. Nausea.  
Symptoms/injuries after skin contact : ON HEATING: Burns.  
Symptoms/injuries after eye contact : EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the eye tissue.  
Symptoms/injuries after ingestion : No data available.  
Chronic symptoms : No effects known.

**4.3 Immediate medical attention and special treatment, if necessary**

No additional information available

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**5: FIRE FIGHTING MEASURES**

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**4.1 Suitable (and unsuitable) extinguishing media**

Suitable extinguishing media : Water spray. Polyvalent foam. BC powder. Sand/earth. Carbon dioxide.  
Unsuitable extinguishing media : Container may slop over if solid jet (water/foam) is applied.

**5.2 Specific hazards arising from the chemical**

Fire hazard : DIRECT FIRE HAZARD: Not easily combustible. INDIRECT FIRE HAZARD. Temperature above flashpoint: higher fire/explosion hazard.  
Explosion hazard : DIRECT EXPLOSION HAZARD. No data available on direct explosion hazard. INDIRECT EXPLOSION HAZARD. No data available on indirect explosion hazard.  
Reactivity : In molten state: reacts violently with water (moisture). On heating: formation of small quantities of hydrogen sulfide. Upon combustion: CO and CO<sub>2</sub> are formed.

**5.3 Special protective equipment and precautions for fire-fighters**

Precautionary measures fire : Exposure to fire/heat: keep upwind. Exposure to fire/heat: seal off low-lying areas. Exposure to fire/heat: have neighborhood close doors and windows.  
Firefighting instructions : Cool tanks/drums with water spray/remove them into safety.  
Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus.

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**6: ACCIDENTAL RELEASE MEASURES**

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**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Protective equipment : Gloves. Protective clothing. See "Material-handling" to select protective clothing.  
Emergency procedures : Wash contaminated clothes.

**6.1.2 For emergency responders**

No additional information available

**6.2 Environmental precautions**

No additional information available

**6.3 For containment**

Methods for cleaning : If melted: allow liquid to solidify before taking it up. Start cleanup only if spill has cooled completely. Wash clothing and equipment after handling.

**6.4 Reference to other sections**

No additional information available

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**7: HANDLING AND STORAGE**

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**7.1 Precautions for safe handling**

Precautions for safe handling : Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep away from open flames/heat. Observe strict hygiene. Measure the concentration in the air regularly. Conduct operations in the open/under local exhaust/ventilation or with respiratory protection.

**7.2 Conditions for safe storage, including any incompatibilities**

Storage temperature : > 21 °C  
Heat-ignition : KEEP SUBSTANCE AWAY FROM: heat sources.  
Information on mixed storage : KEEP SUBSTANCE AWAY FROM: oxidizing agents.  
Storage area : Keep container in a well-ventilated, fireproof storeroom. Meet applicable local and federal legal requirements.  
Special rules on packaging : SPECIAL REQUIREMENTS: correctly labelled. meet applicable local and federal legal requirements. Secure fragile packaging in solid containers.  
Packaging materials : SUITABLE MATERIAL: No data available. MATERIAL TO AVOID: No data available.

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**8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**8.1 Control parameters**

<b>BLACK PEARL Sheet Membrane (8052-42-4)</b>			
ACGIH	ACGIH (mg/m <sup>3</sup> )	TWA	0.5 mg/m <sup>3</sup> (Asphalt (Bitumen) fume, as benzene- soluble aerosol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)
<b>asphaltic bitumen, not cut back (8052-42-4)</b>			
ACGIH	ACGIH (mg/m <sup>3</sup> )	TWA	0.5 mg/m <sup>3</sup> (Asphalt (Bitumen) fume, as benzene- soluble aerosol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)

**8.2 Appropriate engineering controls**

No additional information available

**8.3 Individual protection measures/Personal protective equipment**

**Materials for protective clothing:** GIVE GOOD RESISTANCE: leather, viton. GIVE LESS RESISTANCE: neoprene. GIVE POOR RESISTANCE: butyl rubber. Chlorosulfonated polyethylene

**Hand Protection:** Gloves

**Eye Protection:** Safety Glasses

**Skin and body protection:** Long sleeve and long pants commercial clothing.

**Respiratory protection:** On heating: Gas mask with filter type A

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**9: PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1 Information on basic physical and chemical properties**

Physical state : Solid  
Appearance : Solid.  
Color : Dark brown to black  
Odor : Characteristic odor  
Odor threshold : No data available  
pH : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : > 370°C  
Flash point : 204 - 288°C

Relative evaporation rate (butyl acetate=1) : No data available  
 Flammability (solid, gas) : No data available  
 Vapor pressure : No data available  
 Relative vapor density at 20 °C : > 1  
 Relative density : > 1  
 Solubility : Insoluble in water. Soluble in ethanol. Soluble in ether. Soluble in acetone. Soluble in chloroform. Soluble in tetrachloromethane. Soluble in carbondisulfide. Soluble in turpentine. Water: insoluble  
 Log Pow : > 6 (Calculated)  
 Auto-ignition temperature : 350 - 485°C  
 Decomposition temperature : No data available  
 Viscosity, kinematic : No data available  
 Viscosity, dynamic : > 0.17 Pas (135°C)  
 Explosion limits : No data available  
 Explosive properties : No data available  
 Oxidizing properties : No data available

**9.2 Other Information**  
 Softening point: : >88°C

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**10: STABILITY AND REACTIVITY**

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- 10.1 Reactivity**  
 In molten state: Emits fumes.
- 10.2 Chemical stability**  
 Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**  
 No additional information available
- 10.4 Conditions to avoid**  
 No additional information available
- 10.5 Incompatible materials**  
 No additional information available
- 10.6 Hazardous decomposition products**  
 No additional information available

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**11: TOXICOLOGICAL INFORMATION**

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**11.1 Information on toxicological effects**  
 Acute toxicity : Not classified

<b>BLACK PEARL Sheet Membrane (8052-42-4)</b>	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
<b>asphaltic bitumen, not cut back (8052-42-4)</b>	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)

Skin corrosion/irritation : Not classified  
 Serious eye damage/irritation : Not classified  
 Respiratory or skin sensitization : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : Not classified

<b>BLACK PEARL Sheet Membrane (8052-42-4)</b>	
IARC group	3 - Not classifiable
<b>asphaltic bitumen, not cut back (8052-42-4)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified  
 Specific target organ toxicity – single exposure : Not classified  
 Specific target organ toxicity – repeated exposure: Not classified  
 Aspiration hazard : Not classified  
 Symptoms/injuries after inhalation : ON HEATING: Headache. Irritation of the respiratory tract. Nausea.  
 Symptoms/injuries after skin contact : ON HEATING: Burns.  
 Symptoms/injuries after eye contact : EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the eye tissue.  
 Symptoms/injuries after ingestion : No data available.  
 Chronic symptoms : No effects known.

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## 12: ECOLOGICAL INFORMATION

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### 12.1 Toxicity

Ecology - air : Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).  
 Ecology - water : No water pollutant (surface water). Fouling to shoreline. Not harmful to fishes (LC50(96h) >1000 mg/l). Not harmful to aquatic organisms.

### 12.2 Persistence and degradability

<b>BLACK PEARL Sheet Membrane (8052-42-4)</b>	
Persistence and degradability	Not readily biodegradable in water.
<b>asphaltic bitumen, not cut back (8052-42-4)</b>	
Persistence and degradability	Not readily biodegradable in water.

### 12.3 Bioaccumulative potential

<b>BLACK PEARL Sheet Membrane (8052-42-4)</b>	
Log Pow	> 6 (Calculated)
Bioaccumulative potential	Not bioaccumulative.
<b>asphaltic bitumen, not cut back (8052-42-4)</b>	
Log Pow	> 6 (Calculated)
Bioaccumulative potential	Not bioaccumulative.

### 12.4 Mobility in soil

No additional information available

### 12.5 Other adverse effects

Effect on global warming : No known effects from this product.  
 GWPmix comment : No known effects from this product.

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## 13: DISPOSAL CONSIDERATIONS

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### 13.1 Disposal methods

Product/Packaging disposal recommendations : Recycle/reuse. Remove to an authorized dump. Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery.  
 Additional information : Can be considered as non-hazardous waste according to Directive 2008/98/EC.

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## 14: TRANSPORT INFORMATION

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### Department of Transportation (DOT)

In accordance with DOT

Not regulated

**TDG**

**Transport by sea**

Not regulated

**Air transport**

Not regulated

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**15: REGULATORY INFORMATION**

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**15.1 US Federal regulations**  
No additional information available

**15.2 International regulations**  
  
**Canada**  
No additional information available

**EU-Regulations**  
No additional information available

**National regulations**  
No additional information available

**15.3 US State regulations**  
No additional information available

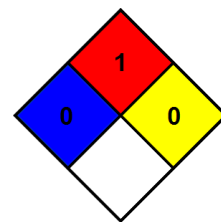
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**16: OTHER INFORMATION**

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Full text of H-phrases:


NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.  
NFPA fire hazard : 1 - Must be preheated before ignition can occur.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

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