



# SAFETY DATA SHEET

Issuing Date 28-Jan-2016

Revision Date 28-Jan-2016

Revision Number 0

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

### GHS product identifier

**Product Name** Gorman Asphalt Cement

### Other means of identification

**Product Code(s)** 1

**UN-Number** UN3257

**Synonyms** Asphalt Cement, Polymer Modified Asphalt

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

**Recommended Use** Asphalt paving

**Uses advised against** No information available

### Supplier's details

**Supplier Address**  
Gorman Asphalt, LTD.  
200 Church Street  
Albany, New York  
12202  
5184361289

### Emergency telephone number

**Emergency Telephone Number** 1-800-633-8253

## 2. HAZARDS IDENTIFICATION


### Classification

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

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Carcinogenicity	Category 2

### GHS Label elements, including precautionary statements

### Emergency Overview

<p><b>Signal Word</b> <b>Hazard Statements</b></p> <ul style="list-style-type: none"> <li>• Causes skin irritation</li> <li>• Causes serious eye irritation</li> <li>• Suspected of causing cancer</li> </ul>	<p style="text-align: center;"><b>Warning</b></p> <div style="text-align: center;">  </div>	
<p><b>Appearance</b> Black.</p>	<p><b>Physical State</b> Liquid.</p>	<p><b>Odor</b> Low odor.</p>

**Precautionary Statements**

**Prevention**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wash face, hands and any exposed skin thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- If exposed or concerned: Get medical attention/advice

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

**Skin**

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

**Storage**

- Store locked up.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

Causes thermal burns.

7% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Synonyms**

Asphalt Cement, Polymer Modified Asphalt

Chemical Name	CAS-No	Weight %	Trade secret
Asphalt	8052-42-4	93.1-100	*
Fatty acid alkyl compounds	Trade Secret	0.1-4.99	*
Acidic compound	Trade Secret	0.1-1.99	*

Petroleum distillate	Trade Secret	0.1-1.0	*
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\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### Description of necessary first-aid measures

<b>Eye Contact</b>	Contact with molten materials, requires immediate medical assistance. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.
<b>Skin Contact</b>	Contact with molten materials, requires immediate medical assistance. If molten material comes in contact with skin, do not apply ice but cool under ice water or running stream of water. Removal of solidified molten material from skin requires medical assistance.
<b>Inhalation</b>	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

##### Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** Burn. Irritation.

##### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use: Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Halons

**Unsuitable Extinguishing Media** Water.

##### Specific Hazards Arising from the Chemical

React vigorously and/or explosively with water. Avoid inhalation of combustion products. Use water spray to cool unopened containers.

##### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### 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** Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

##### Environmental Precautions

**Environmental Precautions** Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

##### Methods and materials for containment and cleaning up

**Methods for Containment** Dike far ahead of liquid spill for later disposal.

**Methods for Cleaning Up** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use personal protective equipment. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** Strong oxidizing agents.

## 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
Petroleum distillate	TWA: 5 mg/m <sup>3</sup> , as oil mist, mineral STEL: TWA: 10 mg/m <sup>3</sup> , as oil mist, mineral	TWA: 5 mg/m <sup>3</sup> , as oil mist, mineral	-

*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.*

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Tightly fitting safety goggles.  
**Skin and Body Protection** Wear protective gloves/clothing.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid.	<b>Appearance</b>	Black.
<b>Odor</b>	Low odor.	<b>Odor Threshold</b>	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	None known
<b>Melting Point/Range</b>	38-93 °C	None known
<b>Boiling Point/Boiling Range</b>	> 315.6 °C	None known

<b>Flash Point</b>	> 232 °C	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
upper flammability limit	No data available	
lower flammability limit	No data available	
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	No data available	None known
<b>Specific Gravity</b>	0.96-1.04 @15.6 °C	None known
<b>Water Solubility</b>	Insoluble in water.	None known
<b>Solubility in other solvents</b>	Soluble in halogenated hydrocarbons and benzene.	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>Viscosity</b>	50-20000 poise @140°F	None known
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
<b><u>Other information</u></b>		
<b>VOC Content (%)</b>	No data available	

## 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**

High temperatures.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon oxides. Hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

##### **Inhalation**

Product does not present an acute toxicity hazard based on known or supplied information. Vapors may irritate throat and respiratory system.

##### **Eye Contact**

Causes serious eye irritation.

##### **Skin Contact**

Causes skin irritation. Contact with molten material will cause thermal burns.

**Ingestion** There is no data available for this product.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Asphalt	5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Petroleum distillate	-	-	>4.7 mg/l (rat) 4 hr.

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Irritation

### Delayed and immediate effects and also 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. Petroleum products are known to cause cancer because of carcinogenic components (e.g. benzene, DMSO). These carcinogenic components are typically found in crude petroleum products and are removed through the refinement process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Asphalt		Group 2B	Reasonably Anticipated	X
Petroleum distillate	A2	Group 1		X

#### ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

#### IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

#### NTP: (National Toxicity Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

#### OSHA: (Occupational Safety & Health Administration)

X - Present

**Reproductive Toxicity** No information available.

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

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

**Aspiration Hazard** No information available.

### Numerical measures of toxicity - Product

**Acute Toxicity** 7% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not Classified

7 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Petroleum distillate		LC50 96 h: > 5000 mg/L (Oncorhynchus mykiss)		EC50 48 h: > 1000 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Asphalt	6.006

**Other Adverse Effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste 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**

Do not re-use empty containers. Dispose of in accordance with local regulations.

### 14. TRANSPORT INFORMATION

**DOT**

UN-Number	UN3257
Proper shipping name	Elevated temperature liquid, n.o.s.
Hazard Class	9
Packing Group	III
Description	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III
Emergency Response Guide Number	128

**TDG**

UN-Number	UN3257
Proper Shipping Name	Elevated temperature liquid, n.o.s.
Hazard Class	9
Packing Group	III
Description	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III

**MEX**

UN-Number	UN3257
Proper Shipping Name	Elevated temperature liquid, n.o.s.
Hazard Class	9
Packing Group	III
Description	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III

**ICAO**

Forbidden

**IATA**

Forbidden

**IMDG/IMO**

UN-Number	UN3257
Proper Shipping Name	Elevated temperature liquid, n.o.s.
Hazard Class	9
Packing Group	III
EmS No.	F-A, S-P
Description	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III

**RID**

UN-Number	UN3257
Proper Shipping Name	Elevated temperature liquid, n.o.s.
Hazard Class	9
Packing Group	III
Classification Code	M9
Description	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III

**ADR**

UN-Number	UN3257
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<b>Proper Shipping Name</b>	Elevated temperature liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Classification Code</b>	M9
<b>Tunnel Restriction Code</b>	(D)
<b>Description</b>	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III, (D)

**ADN**

<b>Proper Shipping Name</b>	Elevated temperature liquid, n.o.s.
<b>Hazard Class</b>	9
<b>Packing Group</b>	III
<b>Classification Code</b>	M9
<b>Special Provisions</b>	274, 580, 643
<b>Description</b>	UN3257, Elevated temperature liquid, n.o.s. (Asphalt), 9, III
<b>Limited Quantity</b>	0

## 15. REGULATORY INFORMATION

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies

**Legend**

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

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

**U.S. Federal Regulations**

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	93	0.1

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**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.

**U.S. 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	Illinois	Rhode Island
Asphalt	X	X	X		X
Petroleum distillates, solvent dewaxed heavy paraffinic				X	



U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<u>NFPA</u>	Health Hazard 2	Flammability 1	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	Health Hazard 2*	Flammability 1	Physical Hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

**Prepared By** Product Stewardship  
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 Latham, NY 12110  
 1-800-572-6501  
**Issuing Date** 28-Jan-2016  
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**Revision Note** Initial Release.

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**