



# HPR® All Temp Asphalt

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 6/01/2015

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Liquid

**Product Name:** HPR® All Temp Asphalt

**Product Code:** 7340

#### Intended Use of the Product

High-grade, waterproofing and roofing laminate asphalt. For professional use only.

#### Name, Address, and Telephone of the Responsible Party

##### **Manufacturer**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

##### **Supplier**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

Garland Canada, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995  
F-416-747-1980  
www.garlandco.com

#### Emergency Telephone Number

**Emergency Number:** 1-800-262-8200 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### **Classification (GHS-US)**

Carc. 1 H350

#### Label Elements

##### **GHS-US Labeling**

##### **Hazard Pictograms (GHS-US)**



##### **Signal Word (GHS-US)**

: Danger

##### **Hazard Statements (GHS-US)**

: H350 - May cause cancer by route of exposure if conclusively proven that no other route applies

##### **Precautionary Statements (GHS-US)**

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P281 - Use personal protective equipment as required.  
P308 + P313 - IF exposed or concerned: Get medical advice/attention.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Component

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Oxidized Asphalt	(CAS No) 64742-93-4	0-75	Carc. 1, H350

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Treat symptomatically

# HPR® All Temp Asphalt

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations  
Revision Date: N/A Date of issue: 6/01/2015

**Inhalation:** Move to fresh air in case of accidental inhalation of vapors. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen may be necessary. Call a physician immediately.

**Skin Contact:** For contact with MOLTEN product, do not remove contaminated clothing. Immediately flush skin with large amounts of cold water. If possible submerge area in cold water. Pack with ice (DO NOT use ice if burn area covers more than 10% of the body). Call a physician immediately.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

**Ingestion:** If swallowed. Do not induce vomiting without medical advice. Drink plenty of water to dilute the material in the stomach. Immediate medical attention is required.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

### Hazardous Combustion Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Hazardous Combustion Products.

### Advice for Firefighters

**Precautionary Measures Fire:** Not available

**Special 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

**Specific Methods:** Keep product and empty container away from heat and sources of ignition

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Evacuate personnel to safe areas

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

#### For Emergency Personnel

### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate ponds, waterways or ditches with chemical or used container.

### Methods and Materials for Containment and Cleaning Up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Shovel or sweep up. Take up mechanically and collect in suitable container for disposal.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Keep out of the reach of children.

### Conditions for Safe Storage, Including Any Incompatibilities

Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	Guideline OSHA	Guideline NIOSH	Ontario TWAEV	ACGIH TLV	Mexico
Asphalt Fumes	None Listed	5 mg/m <sup>3</sup> (REL) over a 15minute period	TLV – 8hr. TWA: : 0.5 mg/m <sup>3</sup>	TLV – 8hr. TWA: 0.5 mg/m <sup>3</sup>	8 hr TWA: 5 mg/m <sup>3</sup>

### Personal Protective Equipment

# HPR® All Temp Asphalt

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations  
Revision Date: N/A Date of issue: 6/01/2015

**Eye/face Protection:** Avoid contact with eyes. Safety glasses with side-shields.

**Skin Protection Respiratory Protection:** Long sleeved clothing and long pants. Protective gloves.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

**Appearance:** Brown

**Odor:** Petroleum

**Physical State:** Solid. Liquid.

**pH:** Not Available

**Flash Point:** > 525°F / > 274°C

**Autoignition Temperature:** 650°F / 343°C

**Boiling Point/Range:** >1000°F (>538°C)

**Freezing Point:** Not Available

**Flammability Limits in Air:** Not Available

**Explosive Properties:** Not Available

**Oxidizing Properties:** Not Available

**Evaporation Rate:** Not Available

**Vapor Pressure:** <5 mmHg

**Vapor Density:** Not Available

**Specific Gravity:** 1.04 (water= 1)

**Water Solubility:** Immiscible

**Volatiles:** Not Available

**Viscosity:** Solid @ 77F/25C

**Softening Point:** 221F/105C

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Keep away from heat, sparks and open flames.

**Incompatible Materials:** Strong oxidizing agents. Water.

**Hazardous Decomposition Products:** None identified

**Possibility of Hazardous Reactions:** None under normal processing

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Inhalation of vapors may cause nose, throat, and mucous membrane irritation, and nausea, headaches or dizziness and central nervous system depression, including drowsiness, loss of coordination, and unconsciousness.

### Chronic Toxicity

Prolonged repeat contact with skin may cause dryness and skin irritation. Long term skin exposure to asphalt can increase sensitivity to the sun, and may cause discoloration.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
asphalt, oxidized	5000 mg/kg Rat	2000 mg/kg Rabbit	

# HPR® All Temp Asphalt

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations  
Revision Date: N/A Date of issue: 6/01/2015

### Carcinogenicity

The International Agency for Research on Cancer (IARC) has determined that "occupational exposure to oxidized bitumens and their emissions during roofing" are classified as "probably carcinogenic to humans" (Group 2A). IARC's determination was based primarily on a finding of "sufficient" evidence of carcinogenicity of in animals for extracts and fume condensates from oxidized asphalt. IARC's review of studies in humans concluded that the evidence on the carcinogenicity of oxidized asphalt emissions in roofers is "limited" because of potential confounding by exposures to carcinogens such as coal-tar and tobacco smoking could not be ruled out. The National Institute for Occupational Safety and Health (NIOSH) has determined that roofing asphalt fumes are a "potential occupational carcinogen." In support of this finding, NIOSH determined that data from experimental studies in animals and cultured mammalian cells indicate that laboratory-generated roofing asphalt fume condensates are genotoxic and cause skin tumors in mice when applied dermally. Like IARC, NIOSH concluded that the results from epidemiologic studies indicate that roofers exposed to asphalt fumes are at an increased risk of lung cancer, but it is uncertain whether this increase can be attributed to asphalt and/or to other exposures such as coal tar or asbestos.

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

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
asphalt, oxidized	A4 Not Classifiable as a Human Carcinogen	No Data	No Data	No Data	A4 Not Classifiable as a Human Carcinogen

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

No data available for these products.

#### asphalt, oxidized

##### Freshwater Algae Data

*Selenastrum capricornutum* EC50=56 mg/L (72 h)

**Persistence/Degradability** Not available

**Bioaccumulation/ Accumulation** Not available

**Mobility in Environmental Media** Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with local, state, and federal regulations

**Contaminated Packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

**US EPA Waste Number:** Not regulated

## SECTION 14: TRANSPORT INFORMATION

**DOT:** Not regulated

**TDG:** Not regulated

**MEX:** Not regulated

**ICAO:** Not regulated

**IATA:** Not regulated

**IMDG/IMO:** Not regulated

## SECTION 15: REGULATORY INFORMATION

### International Inventories

All of the components in the product are on the following Inventory lists:

# HPR® All Temp Asphalt

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations  
Revision Date: N/A Date of issue: 6/01/2015

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
asphalt, oxidized	X	X	-	X	-	X	X	X	X	X

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Does not Comply
ENCS	Complies
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This material contains Polycyclic Aromatic Compounds (PAC) listed under SARA 313 which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

### State Regulations

#### California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Asphalt	X	X	X		X

### Canada

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

### WHMIS Hazard Class

Not determined

## SECTION 16: OTHER INFORMATION

Revision Date	: 07-27-2015
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
Party Responsible for the Preparation of This Document	: The Garland Company, Inc. 3800 East 91 <sup>st</sup> Street Cleveland, Ohio 44105-2197 T-1800-762-8225 F-216-641-0633

# HPR® All Temp Asphalt

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 6/01/2015

*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*