



# Aero-Block SA

## 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: 03/04/2016

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Pre-fabricated, self-adhering air, vapor, and water barrier membrane

**Product Name:** Aero-Block SA

**Product Code:** 1301

#### 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

The Garland Company, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995 800-387-5991  
F-416-747-1980

#### Emergency Telephone Number

**Emergency Number:** 1-800-424-9300 (CHEMTREC)

**Main Switch Board:** (704) 334-8222

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### Classification (GHS-US)

H225 – Flam. Liq. 2

H315 – Skin Irrit. 2

H319 – Eye irrit. 2A

H320 – Eye Irrit. 2B

H335 – Resp. Irrit. 2B

H340 - Muta. 1B

H350 - Carc. 1B

#### Label Elements

##### GHS-US Labeling

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



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

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

- : Danger
  - : H225 – Highly flammable liquid and vapor.
  - : H315-Causes skin irritation
  - : H319 – Causes serious eye irritation.
  - : H320-Causes eye irritation
  - : H350 - May cause cancer by route of exposure if conclusively proven that no other route applies
  - : H335-May cause respiratory irritation
  - : H340-May cause genetic defects by route of exposure if conclusively proven that no other route applies
  - : 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.
  - : P210 – Keep away from heat.
  - : P233 – Keep container tightly closed.
  - : P240 – Ground/bond container and receiving equipment.
  - : P241 – Use explosion-proof electrical/ventilating/equipment.
  - : P242 – Use only non-sparking tools.
  - : P243 – Take precautionary measures against static discharge.

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P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash face, hands, and any exposed skin thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P281 - Use personal protective equipment as required.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instructions on this label).  
P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - if eye irritation persists: Get medical attention/advice.  
P362 - Take off contaminated clothing and wash before reuse.  
P370 + P378 - In case of fire: Use extinguishing media for extinction.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container according to local, regional, national, and international regulations.

### Other Hazards

**Other Hazards Not Contributing to the Classification:** Not available.

### Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Not available

### Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Petroleum Asphalt	CAS No (8052-42-4)	30-60	H225 - Flam. Liq. 2 H319 - Eye Irrit. 2A H351 - Carc. 2
Calcium Carbonate	CAS No (1317-65-3)	10-30	H315 - Skin Irrit. 2 H320 - Eye Irrit. 2B H335 - STOT SE 3
Poly(butadiene-co-styrene)	CAS No (9003-55-8)	10-30	Not a hazardous substance
Mineral Oil	CAS No (64741-88-4)	1-5	H350 - Carc. 1

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**First-aid Measures After Inhalation:** Not applicable..

**First-aid Measures After Skin Contact:** Wash off with warm water and soap. Wash hands before eating, smoking, or going to the restroom. Remove and wash contaminated clothing before re-use.

**First-aid Measures After Eye Contact:** Avoid contact with eyes.

**First-aid Measures After Ingestion:** Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Dry chemical. Carbon dioxide (CO2). Foam.

**Unsuitable Extinguishing Media:** None

### Special Hazards Arising From the Substance or Mixture

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No information available

## Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

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

## 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).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and Material for Containment and Cleaning Up

**For Containment and Clean Up:** Sweep up and shovel into suitable containers for disposal. Pick up and dispose of small pieces

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

Wash thoroughly with warm soap and water after use and before eating, drinking, smoking, or using the restroom.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Keep out of the reach of children.

**Incompatible Materials:** Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Petroleum Asphalt	TWA: 0.5 mg/m <sup>3</sup>		TWA: 0.5 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Calcium Carbonate		TWA: 15 mg/m <sup>3</sup> TWA: 5 ppm	TWA: 10 mg/m <sup>3</sup>	STEL: 20 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>

### Exposure Controls

**Appropriate Engineering Controls:** Handle in accordance with good industrial hygiene and safety practice.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



**Hand Protection:** Protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** No special protective equipment required.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**Other Information:** When using, do not eat, drink, or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

**Physical State** : Solid

**Appearance** : Black

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<b>Odor</b>	: Asphalt
<b>Odor Threshold</b>	: Not available
<b>pH</b>	: Not available
<b>Relative Evaporation Rate (butyl acetate = 1)</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Freezing Point</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Flash Point</b>	: Not available
<b>Auto-ignition Temperature</b>	: Not available
<b>Decomposition Temperature</b>	: Not available
<b>Flammability (solid, gas)</b>	: Not available
<b>Lower Flammable Limit</b>	: Not available
<b>Upper Flammable Limit</b>	: Not available
<b>Vapor Pressure</b>	: Not available
<b>Relative Vapor Density at 68°F (20°C)</b>	: Not available
<b>Relative Density</b>	: Not available
<b>Specific Gravity</b>	: Not available
<b>Solubility</b>	: Not available
<b>Partition coefficient: n-octanol/water</b>	: Not available
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	: Not available
<b>Explosion Data – Sensitivity to Static Discharge</b>	: Not available
<b>VOC Content</b>	: Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous polymerization does not occur

**Chemical Stability:** Stable under normal conditions.

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

**Conditions to Avoid:** Open flames and intense heat

**Incompatible Materials:** No materials to be especially mentioned.

**Hazardous Decomposition Products:** None under normal use

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects – Ingredient(s)

#### **Acute Toxicity**

Product Information Skin contact may result in irritation and possible allergic reactions. The LD50 and LC50 for this product have not been determined.

#### **Component Information**

Asphalt:

LD 50 Oral: 5000 mg/kg LD50 Dermal: Rat 2000 mg/kg Rabbit

Mineral Oil:

LD50 Oral: 5000 mg/kg LD50 Dermal: Rat 2000 mg/kg Rabbit LC50 Inhalation: 2.18 mg/L Rat 4 h

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

**Subchronic Toxicity:** Prolonged skin contact may result in skin sensitization with possible irritation, redness or allergic reaction. Due to product form, exposure to dust, mists or fumes is not expected to occur.

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity – Ingredients

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

### Persistence and Degradability

No information available for this product.

### Bioaccumulative Potential – Product

No information available for this product.

### Bioaccumulative Potential – Ingredients

No information available for this product.

### Mobility in Soil

No information available for this product.

### Other Adverse Effects

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**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

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

**Additional Information:** Empty containers should be taken for local recycling, recovery or waste disposal.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

**Proper Shipping Name** : Non-Regulated Material.

### In Accordance with IMDG

**Proper Shipping Name** : Not Regulated.

**Hazard Class** :

**Identification Number** :

**Packing Group** :

**Marine Pollutant** :

### In Accordance with IATA

**Proper Shipping Name** : Not Regulated.

**Hazard Class** :

**Identification Number** :

**Packing Group** :

**Marine Pollutant** :

### In Accordance with TDG

**Proper Shipping Name** : Not Regulated.

**Hazard Class** :

**Identification Number** :

**Packing Group** :

**Marine Pollutant** :

## SECTION 15: REGULATORY INFORMATION

### International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Petroleum Asphalt	X	X	-	X	-	-	X	X	X	X
Calcium carbonate	X	X	-	X	-	-	X	X	X	X
Styrene-Butadiene-Styrene Block Copolymer	X	X	-	X	-	-	X	X	X	X
Mineral Oil	X	X	-	X	-	-	X	X	X	X

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Complies
ENCS	Complies
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

### US Federal Regulations

#### Asphalt (8052-42-4)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

#### California Proposition 65

This product contains a chemical(s) known to the State of California to cause cancer.

#### State Right-to-Know

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

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Calcium Carbonate	X		X		X
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### Canadian Regulations

<b>Aero-Block SA</b>	
All components are listed in the WHMIS DSL.	
WHMIS Classification	Not classified.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date** : 03/04/2016

**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 91st Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225

*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.*

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