

# Air Guard VPA

## 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: 01/15/2016

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Asphalt emulsion

**Product Name:** Air Guard VPA

**Product Number:** 1760

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

##### Manufacturer

GMX, Inc.  
P.O. Box 743  
Matthews, NC 28106

##### 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

H319 – Eye irrit. 2A

H351 – Carc. 2

#### Label Elements

##### GHS-US Labeling

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



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

: Danger

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

: H225 – Highly flammable liquid and vapor.

: H319 – Causes serious eye irritation.

: H351 – Suspected of causing cancer by route of exposure if conclusively proven that no other route exposes.

##### 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.

P264 – Wash face, hands, and any exposed skin thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P281 – Use personal protective equipment as required.

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P337+P313 – if eye irritation persists: Get medical attention/advice.

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P370 + P378 - In case of fire: Use extinguishing media for extinction.

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)
Asphalt	CAS No (8052-42-4)	30-40	H225 - Flam. Liq. 2 H319 – Eye Irrit. 2A H351 – Carc. 2
Elastomeric Polymer	Proprietary	60-70	Not Classified
Additives	Mixture	< 5	Not Classified

## 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:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Seek medical attention immediately.

**First-aid Measures After Skin Contact:** Cool skin rapidly with cold water after contact with molten material. Take off all contaminated clothing immediately. Wash off with soap and water but do not attempt to remove asphalt that adheres to skin before obtaining medical assistance. Wash contaminated clothing before re-use. If symptoms persist, seek medical attention immediately.

**First-aid Measures After Eye Contact:** Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.

**First-aid Measures After Ingestion:** Do NOT induce vomiting. Seek medical attention immediately. Clean mouth with water and drink afterwards plenty of water. If a person vomits when lying on his back, place him in the recovery position.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder. Dry chemical.

**Unsuitable Extinguishing Media:** Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

### Special Hazards Arising From the Substance or Mixture

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

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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:** Dike with inert absorbent material (e.g. dry sand or earth). Take precautionary measures against static discharges. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Avoid contact with skin and eyes. Ensure adequate ventilation.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers.

Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors.

**Incompatible Materials:** Not available.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

<b>Asphalt (8052-42-4)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
Mexico	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Mexico	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

### **Exposure Controls**

**Appropriate Engineering Controls:** Do not allow ventilation equipment to draw material odors indoors.

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



**Hand Protection:** Protective gloves.

**Eye Protection:** Use a full-face shield and chemical safety goggles if handling heated material.

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

**Respiratory Protection:** Not required under normal use and working conditions. For air contaminant concentrations which exceed or are likely to exceed applicable exposure limits, use a NIOSH-MSHA approved, contaminant-specific, air-purifying respirator. If such concentrations are sufficiently high that the air-purifying respirator is inadequate, or if oxygen adequate to sustain life is not present, use a positive pressure self-contained breathing apparatus. Follow all applicable respirator use, fitting, and training standards and regulations.

**Hygiene Measures:** Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. 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**

<b>Physical State</b>	: Liquid
<b>Appearance</b>	: Brown/black liquid
<b>Odor</b>	: Slight odor
<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>	: 30 – 130°C (86 – 149°F)
<b>Freezing Point</b>	: 32°F / 0°C
<b>Boiling Point</b>	: 212°F / 100°C
<b>Flash Point</b>	: >400°F (>204°C)
<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

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Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available
Relative Vapor Density at 68°F (20°C)	:	1.0 – 1.1 g/mL
Relative Density	:	Not available
Specific Gravity	:	>1.0
Solubility	:	Partly miscible
Partition coefficient: n-octanol/water	:	Not available
Explosion Data – Sensitivity to Mechanical Impact	:	Not available
Explosion Data – Sensitivity to Static Discharge	:	Not available
VOC Content	:	<10 g/L

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous polymerization does not occur

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

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** No information available.

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

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. Hydrocarbons.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

##### LD50 and LC50 Data

Asphalt (8052-42-4)	
LD50 Oral Rat	>5,000 mg/kg
LD50 Dermal Rabbit	>2,000 mg/kg

##### Carcinogenicity Data:

Asphalt (8052-42-4)	
IARC Group	2B
National Toxicity Program (NTP) Status	Twelfth Report – Items under consideration.

### 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

**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

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**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

**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

#### **Elastomeric Polymer (Proprietary)**

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

### US State Regulations

#### California Proposition 65

This product contains no known Proposition 65 chemicals.

#### State Right-to-Know

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

### Canadian Regulations

#### **Air Guard VPA**

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** : 01/15/2016

**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**

GMX, Inc.

P.O. Box 743

Matthews, NC 28106

*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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