

# GMX Hot Asphalt Waterproofing

## 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: 09/18/2015

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Asphalt

**Product Name:** GMX Hot Asphalt Waterproofing

#### 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

H304 - Asp. Tox. 1

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.

: H304 - May be fatal if swallowed and enters airways

: 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.

: P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

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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.  
P331 - Do NOT induce vomiting.  
P337+P313 – if eye irritation persists: Get medical attention/advice.  
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)	40-95	H225 - Flam. Liq. 2 H319 – Eye Irrit. 2A H351 – Carc. 2
Petroleum distillates, hydrotreated heavy naphthe	CAS No (64742-52-5)	0-15	H304 – Asp. Hazard 1
Styrene-Butadiene-Styrene Block Copolymer	CAS No (9003-55-8)	0-10	
Ethylene-Butadiene Block Copolymer	CAS No (66070-58-4)	0-10	

## 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:** Move to fresh air. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.

**First-aid Measures After Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

**First-aid Measures After Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Remove from exposure, lie down. Call a physician immediately.

**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:** Carbon dioxide (CO2). Foam. Dry powder. Dry chemical.

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

### 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).

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**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:** 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

Wear personal protective equipment. Do not breathe vapors or spray mist.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Keep container tightly closed. Keep in properly labeled containers. 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>
Petroleum distillates, hydrotreated heavy naphthenic	TWA: 0.5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> (Mist) 2000 mg/m <sup>3</sup> 500 ppm		

### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas.

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



**Hand Protection:** Protective gloves.

**Eye Protection:** Tightly fitting safety goggles.

**Skin and Body Protection:** Long sleeved clothing. Chemical resistant apron. Impervious butyl rubber gloves.

**Respiratory Protection:** Wear a positive-pressure supplied-air respirator.

**Hygiene Measures:** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

**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	: Liquid (when hot)
Appearance	: Black
Odor	: Slight odor
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butyl acetate = 1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: > 600°F / > 316°C
Flash Point	: 500°F / 260°C
Auto-ignition Temperature	: > 700°F / > 371°C
Decomposition Temperature	: Not available

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<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>	: > 1 (Air = 1)
<b>Relative Density</b>	: Not available
<b>Specific Gravity</b>	: >1.0 – 1.9
<b>Solubility</b>	: Insoluble
<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

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous polymerization does not occur

**Chemical Stability:** Strong oxidizing agents

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

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

**Incompatible Materials:** Oxidizing agents.

**Hazardous Decomposition Products:** Upon decomposition, product emits acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of nitrogen and sulfur, and water.

## 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:** Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations. Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.

**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.

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## 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

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

### US Federal Regulations

<b>Asphalt (8052-42-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) Inventory

### Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

### 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

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## Canadian Regulations

<b>GMX Hot Asphalt Waterproofing</b>	
All components are listed in the WHMIS DSL.	
WHMIS Classification	D2B 

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

**Revision date** : 09/21/2015

**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

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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