

# UltraShield 1731

## 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: 03/17/2022

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** UltraShield 1731

**Product Code:** 1731

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

##### Manufacturer

DryDog Barriers

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)

H304 - Asp. Tox. 1

H319 – Eye irrit. 2A

H340 - Muta. 1B

H350 - Carc. 1B

#### Label Elements

##### GHS-US Labeling

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

:



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

: Danger

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

: H304 - May be fatal if swallowed and enters airways

H319 – Causes serious eye 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

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

H400 - Very toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

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- Precautionary Statements (GHS-US)** :
- P201 – Obtain special instructions before use.
  - P202 – Do not handle until all safety precautions have been read and understood.
  - P233 – Keep container tightly closed.
  - P264 – Wash face, hands, and any exposed skin thoroughly after handling.
  - P273 - Avoid release to the environment.
  - 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.
  - P370 + P378 - In case of fire: Use extinguishing media for extinction.
  - P391 - Collect spillage.
  - 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)	50-65	H225 - Flam. Liq. 2 H319 – Eye Irrit. 2A H351 – Carc. 2
Water	CAS No (7732-18-5)	20-35	Not Classified
Elastomeric Polymer	Proprietary	2-20	Not Classified
Additives	Mixture	< 6	Not Classified
Stoddard Solvent	CAS No (8052-41-3)	0-5	H226 - Flam. Liq. 3 H340 - Muta. 1B H350 - Carc. 1B H304 - Asp. Tox. 1 H400 - Aquatic Acute 1 H411 - Aquatic Chronic 2

## 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 and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

**First-aid Measures After Skin Contact:** If hot asphalt strikes the skin, drench or immerse the area in water to assist cooling. If available, apply iced water or iced packs to the burned area. (Do not use iced water or cold packs if the burned area covers more than 10% of the body as this may contribute to shock.) Do not try to remove asphalt from the burn after it has cooled. Seek medical attention. If cool asphalt contacts the skin, wash the area with hot soapy water. Use of a waterless hand cleaner will help remove the asphalt.

**First-aid Measures After Eye Contact:** Immediately flush eyes thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.

**First-aid Measures After Ingestion:** If material is swallowed, do not induce vomiting. Drink a large volume of water and get immediate medical attention.

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### Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>). 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:** Use personal protective equipment. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation.

#### 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:** 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. Dispose of as common waste.

### 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 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

Asphalt (8052-42-4)		
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:** Chemical goggles or safety glasses.

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

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

**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

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### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Brown/black liquid
Odor	: Slight odor
Odor Threshold	: Not available
pH	: 9.5-11.5
Relative Evaporation Rate (butyl acetate = 1)	: Not available
Melting Point	: Not available
Freezing Point	: 32°F/ 0°C
Boiling Point	: 212°F / 100°C
Flash Point	: >400°F (>204°C)
Auto-ignition Temperature	: > 700°F / > 371°C
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 68°F (20°C)	: > 1 (Air = 1)
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	: <40 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 - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not available.

**Serious Eye Damage:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** May cause genetic defects.

**Teratogenicity:** Not available

**Carcinogenicity:** May cause cancer.

**Specific Target Organ Toxicity (Repeated Exposure):** Causes damage to organs through prolonged or repeated exposure.

**Reproductive Toxicity:** Not available

**Aspiration Hazard:** This product is not reported to have any aspiration hazards.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Symptoms/Injuries After Inhalation:** May cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects. Aspiration into the lungs can occur during ingestion or vomiting may cause lung injury.

#### 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

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## Carcinogenicity Data:

<b>Asphalt (8052-42-4)</b>	
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

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

### US Federal Regulations

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

<b>Elastomeric Polymer (Proprietary)</b>
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### US State Regulations

California Proposition 65

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This product contains no known Proposition 65 chemicals.

### State Right-to-Know

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

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

### Canadian Regulations

#### UltraShield 1731

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** : 03/17/2022

**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.

2034-C Van Buren Ave.

Indian Trail, NC 28709

T-704-334-8222

*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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