

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Revision Date: 01/01/2022

Date of Issue: 02/01/2022

Version: 3.1

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: DuraPhaltTM, DuraPhaltTM HM, DuraWayTM, DuraToughTM, DuraPlayTM, DuraTintTM, DuraWhisperTM, DuraCycleTM, DuraClimeTM, HMA, Hot Mix Asphalt Concrete (HMAC), Blacktop, Tarmac, Hot Mix Paving Material, Hot Laid Asphaltic Cement, Bituminous Concrete, SuperPave Mixes, Dense Friction Course (DFC), Heavy Duty Binder Course (HDBC), Medium Duty Binder Course, (MDBC), Open Friction Course (OFC), Stone Matrix Asphalt (SMA).

Synonyms: Hot Mix Asphalt (HMA)

Note: This SDS covers many types of HMA. Individual composition of hazardous constituents will vary between types of asphalt.

1.2. Intended Use of the Product

HMA is used for paving roads, driveways, parking lots and other surface, base, or sub-base applications.

Name, Address, and Telephone of the Responsible Party 1.3.

Company - Lafarge Canada

Western Canada

#300 115 Quarry Park Road SE

Calgary, AB T2C 5G9 Phone: (403) 225-5400 Eastern Canada 6509 Airport Road Mississauga, ON L4V 157

Phone: (905) 738-7070

Website: www.lafarge.ca

Emergency Telephone Number

Emergency Number : ChemTel® 1-800-255-3924 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS-US/CA Classification

Carc. 1A

H350

STOT RE 1

H372

Full text of hazard classes and H-statements: see Section 16.

Label Elements 2.2.

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA)

: Danger

Hazard Statements (GHS-US/CA)

: H350 - May cause cancer.

H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements (GHS-US/CA): P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust, vapors, fumes, gas, spray, mist.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves, protective clothing, and eye protection. P308+P313 - If exposed or concerned: Get medical advice/attention.

P314 - Get medical advice/attention if you feel unwell.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national,

provincial and international regulations.

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2.3. Other Hazards

Exposure may aggravate individuals with pre-existing skin, kidney, liver, and pulmonary disorders. Asphalt may contain trace quantities of benzene (< 0.1%). Elevated temperature conditions may emit hydrogen sulfide, an asphalt decomposition product. If stored under heat for extended periods or significantly agitated, this material might evolve or release hydrogen sulfide, a flammable gas, which can raise and widen this material's actual flammability limits and significantly lower its auto-ignition temperature. Hydrogen sulfide is a toxic gas that can be fatal. It also has a rotten egg smell that causes odor fatigue very quickly and should not be used as an indicator for the presence of gas. Risk of thermal burns on contact with molten product. If stored under heat for extended periods or significantly agitated, this material might evolve or release hydrogen sulfide, a flammable gas, which can raise and widen this material's actual flammability limits and significantly lower its auto-ignition temperature. Hydrogen sulfide is a toxic gas that can be fatal. It also has a rotten egg smell that causes odor fatigue very quickly and should not be used as an indicator for the presence of gas.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Aggregates / Aggregates blend (Crushed	(CAS-No.) Not	50 - 100	Not classified
stone / Sand / Gravel / Slag)	applicable		
Carbonic acid, magnesium salt (1:1)	(CAS-No.) 546-93-0	<= 50	Not classified
Quartz	(CAS-No.) 14808-60-7	<= 15	Carc. 1A, H350
			STOT SE 3, H335
			STOT RE 1, H372
Asphalt	(CAS-No.) 8052-42-4	< 10	Carc. 2, H351
Hydrogen sulfide	(CAS-No.) 7783-06-4	**	Flam. Gas 1, H220
			Press. Gas (Liq.), H280
			Acute Tox. 2 (Inhalation:gas), H330
			Eye Irrit. 2A, H319
			STOT SE 3, H335
			STOT SE 1, H370
			Aquatic Acute 1, H400
			Aguatic Chronic 1, H410

Full text of H-phrases; see Section 16.

4.1. Description of 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).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May cause cancer. Causes damage to organs through prolonged or repeated exposure. Health effects from silica exposures include: silicosis, a disabling, non-reversible and sometimes fatal lung disease; other non-malignant respiratory diseases, such as chronic bronchitis; lung cancer; and kidney disease, including nephritis and end-stage renal disease. This product, if heated may release asphalt fumes. During processing, inhalation of fumes may cause dizziness and/or irritation to the eyes, nose, and throat. Hot molten product will cause thermal burns to the skin.

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^{*}Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

^{**} May be formed during processing.

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Inhalation: Some studies show that exposure to respirable crystalline silica (without silicosis) or that the disease silicosis may be associated with the increased incidence of several autoimmune disorders such as scleroderma (thickening of the skin), systemic lupus erythematosus, rheumatoid arthritis and diseases affecting the kidneys. Silicosis increases the risk of tuberculosis. Some studies show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica. WARNING: irritating and toxic hydrogen sulfide gas may be present. Greater than 15-20ppm continuous exposure can cause mucous membrane and respiratory tract irritation. 50-500 ppm can cause headache, nausea, and dizziness. Continued exposure at these levels can lead to loss of reasoning and balance, difficulty in breathing, fluid in the lungs, and possible loss of consciousness. Greater than 500ppm can cause rapid unconsciousness and death if not promptly revived. Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation. Risk of thermal burns on contact with molten product.

Eye Contact: May cause slight irritation to eyes. Risk of thermal burns on contact with molten product.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure (Inhalation). Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If burned by hot product, cool affected area immediately with cool water. Do not attempt to remove solidified material from skin or eyes. Seek medical attention immediately. If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container, label, or SDS at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and oxides of sulfur and/or nitrogen. Hydrogen sulfide and other sulfur-containing gases can evolve from this product at elevated temperatures.

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe dust, vapors, fumes, gas, spray, mist. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

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Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Spills should be cleaned up immediately and placed in approved containers. For small molten spills, allow product to cool and remove as a solid. Use cautious judgement when cleaning up large molten spills. Wear personal protective equipment as appropriate, shut off source of leak if safe to do so, dike and contain molten material, and collect in approved containers for disposal in accordance with federal, state, and local regulations.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: If stored under heat for extended periods or significantly agitated, this material might evolve or release hydrogen sulfide, a flammable gas, which can raise and widen this material's actual flammability limits and significantly lower its auto-ignition temperature. Hydrogen sulfide is a toxic gas that can be fatal. It also has a rotten egg smell that causes odor fatigue very quickly and shouldn't be used as an indicator for the presence of gas. Repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. This product, if heated may release asphalt fumes. During processing, inhalation of fumes may cause dizziness and/or irritation to the eyes, nose, and throat. Hot molten product will cause thermal burns to the skin. Heavy material- proper lifting methods or equipment.

Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe dust. Avoid contact with eyes, skin and clothing.

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

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Store away from incompatible materials. **Incompatible Materials:** Alum. Ammonium salts. Chlorates. Fluorine. Formaldehyde. Nitrates. Peroxides. Strong acids. When molten: water.

Storage Temperature: Unlimited

7.3. Specific End Use(s)

HMA is used for paving roads, driveways, parking lots and other surface, base, or sub-base applications.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in Section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Carbonic acid, magnesium salt (1:1) (546-93-0)			
USA NIOSH	NIOSH NIOSH REL (TWA) 10 mg/m³ (total dust)		
		5 mg/m³ (respirable dust)	
British Columbia	OEL TWA	10 mg/m³ (total dust)	
		3 mg/m³ (respirable fraction)	
New Brunswick	OEL TWA	10 mg/m³ (particulate matter containing no Asbestos and <1%	
	-	Crystalline silica)	
Nunavut	OEL STEL	20 mg/m³	
Nunavut	OEL TWA	10 mg/m³	
Northwest Territories	OEL STEL	20 mg/m ³	
Northwest Territories	OEL TWA	10 mg/m ³	
Québec	VEMP	10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total	
		dust)	
Quartz (14808-60-7)			
Mexico	OEL TWA	0.1 mg/m³ (respirable fraction)	
USA ACGIH	ACGIH TWA	0.025 mg/m³ (respirable particulate matter)	
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen	
USA OSHA	OSHA PEL (TWA) [1]	50 μg/m³ (Respirable crystalline silica)	

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USA OSHA OSHA PEL (TWA) [2] (250)/(%SiO2+5) mppcf TWA (respirable fraction) (10)/(%SiOmg/m3 TWA (respirable fraction) (For any operations or sect which the respirable crystalline silica standard, 1910.1053, i or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3 USA NIOSH USA IDLH US IDLH OSHA PEL (TWA) [2] (250)/(%SiO2+5) mppcf TWA (respirable fraction) (10)/(%SiOmg/m3 TWA (respirable fraction) (10)/(%SiO2+5) mppcf TWA (respirable f	
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British Columbia OEL TWA 0.025 mg/m³ (respirable)	
Manitoba OEL TWA 0.025 mg/m³ (respirable particulate matter)	
New Brunswick OEL TWA 0.1 mg/m³ (respirable fraction)	
Newfoundland & Labrador OEL TWA 0.025 mg/m³ (respirable particulate matter)	
Nova Scotia OEL TWA 0.025 mg/m³ (respirable particulate matter)	
Nunavut OEL TWA 0.05 mg/m³ (respirable fraction)	
Northwest Territories OEL TWA 0.05 mg/m³ (respirable fraction)	
Ontario OEL TWA 0.1 mg/m³ (designated substances regulation-respirable)	
Prince Edward Island OEL TWA 0.025 mg/m³ (respirable particulate matter)	
Québec VEMP 0.1 mg/m³ (respirable dust)	
Saskatchewan OEL TWA 0.05 mg/m³ (respirable fraction (Silica - crystalline (Trydimit removed))	е
Yukon OEL TWA 300 particle/mL (Silica - Quartz, crystalline)	
Asphalt (8052-42-4)	<i></i>
Mexico OEL TWA 5 mg/m³	
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11/24/2021

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Mexico	OEL STEL	15 ppm
USA ACGIH	ACGIH TWA	1 ppm
USA ACGIH	ACGIH STEL	5 ppm
USA OSHA	OSHA PEL (Ceiling)	20 ppm
USA OSHA	Acceptable Maximum Peak	50 ppm Peak (10 minutes once, only if no other measurable
	Above The Acceptable Ceiling	exposure occurs)
	Concentration For An 8-Hr Shift	
USA NIOSH	NIOSH REL (ceiling)	15 mg/m³
USA NIOSH	NIOSH REL (ceiling)	10 ppm
USA IDLH	US IDLH	100 ppm
Alberta	OEL Ceiling	21 mg/m³
Alberta	OEL Ceiling	15 ppm
Alberta	OEL TWA	14 mg/m ³
Alberta	OEL TWA	10 ppm
British Columbia	OEL Ceiling	10 ppm
Manitoba	OEL STEL	5 ppm
Manitoba	OEL TWA	1 ppm
New Brunswick	OEL STEL	21 mg/m³
New Brunswick	OEL STEL	15 ppm
New Brunswick	OEL TWA	14 mg/m³
New Brunswick	OEL TWA	10 ppm
Newfoundland & Labrador	OEL STEL	5 ppm
Newfoundland & Labrador	OEL TWA	1 ppm
Nova Scotia	OEL STEL	5 ppm
Nova Scotia	OEL TWA	1 ppm
Nunavut	OEL STEL	15 ppm
Nunavut	OEL TWA	10 ppm
Northwest Territories	OEL STEL	15 ppm
Northwest Territories	OEL TWA	10 ppm
Ontario	OEL STEL	15 ppm
Ontario	OEL TWA	10 ppm
Prince Edward Island	OEL STEL	5 ppm
Prince Edward Island	OEL TWA	1 ppm
Québec	VECD	21 mg/m³
Québec	VECD	15 ppm
Québec	VEMP	14 mg/m³
Québec	VEMP	10 ppm
Saskatchewan	OEL STEL	15 ppm
Saskatchewan	OEL TWA	10 ppm
Yukon	OEL STEL	27 mg/m³
Yukon	OEL STEL	15 ppm
Yukon	OEL TWA	15 mg/m³
Yukon	OEL TWA	10 ppm

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.









Materials for Protective Clothing: Chemically resistant materials and fabrics.

Safety Data Sheet

ccording To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety 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. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Thermal Hazard Protection: If material is hot, wear thermally resistant protective gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State

Solid

Appearance

Black Granular Solid

Odor

Slight Petroleum Odor

Odor Threshold

Not available

Not available

Evaporation Rate

Not available

Melting Point

Freezing Point

Not available

Boiling Point

Not available

Not available

Flash Point

> 93.3 °C (> 199.94 °F)

Auto-ignition Temperature

Not available

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 20°C

Not available

Relative Density

Not available

Specific Gravity

2.0 - 2.5 (Water = 1)

Solubility

Water: Insoluble in water Not available

Partition Coefficient: N-Octanol/Water Viscosity

Not available

SECTION 10: STABILITY AND REACTIVITY

- Reactivity: Hazardous reactions will not occur under normal conditions. 10.1.
- Chemical Stability: Stable under recommended handling and storage conditions (see Section 7). 10.2.
- Possibility of Hazardous Reactions: Hazardous polymerization will not occur. 10.3.
- Conditions to Avoid: Incompatible materials. 10.4.
- Incompatible Materials: Fluorine, magnesium, acids, alum, ammonium salts, strong acids, formaldehyde, when molten: 10.5. water.
- Hazardous Decomposition Products: Thermal decomposition may produce: Carbon dioxide, carbon monoxide, smoke, 10.6. fumes, unburned hydrocarbons and oxides of sulfur and/or nitrogen. Hydrogen sulfide and other sulfur-containing gases can evolve from this product particularly at elevated temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified Acute Toxicity (Dermal): Not classified Acute Toxicity (Inhalation): Not classified LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified Eye Damage/Irritation: Not classified

Safety Data Sheet

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Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (Inhalation).

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Some studies show that exposure to respirable crystalline silica (without silicosis) or that the disease silicosis may be associated with the increased incidence of several autoimmune disorders such as scleroderma (thickening of the skin), systemic lupus erythematosus, rheumatoid arthritis and diseases affecting the kidneys. Silicosis increases the risk of tuberculosis. Some studies show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica. WARNING: irritating and toxic hydrogen sulfide gas may be present. Greater than 15-20ppm continuous exposure can cause mucous membrane and respiratory tract irritation. 50-500 ppm can cause headache, nausea, and dizziness. Continued exposure at these levels can lead to loss of reasoning and balance, difficulty in breathing, fluid in the lungs, and possible loss of consciousness. Greater than 500ppm can cause rapid unconsciousness and death if not promptly revived. Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation. Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes. Risk of thermal burns on contact with molten product. Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure (Inhalation). Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

> 5000 mg/kg
> 5000 mg/kg
> 5000 mg/kg
> 2000 mg/kg
> 94.4 mg/m³
444 ppm/4h
1
Known Human Carcinogens.
In OSHA Hazard Communication Carcinogen list.
2A, 2B
In OSHA Hazard Communication Carcinogen list.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Hydrogen sulfide (7783-06-4)		
LC50 Fish 1 0.0448 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])		
LC50 Fish 2 0.016 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])		

12.2. Persistence and Degradability

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Hot Mix Asphalt (HMA)			

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ď	Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Hot Mix Asphalt (HMA)	
Bioaccumulative Potential	Not established.
Asphalt (8052-42-4)	
BCF Fish 1	(no bioaccumulation expected)
Log Pow	>6
Hydrogen sulfide (7783-06-4)	
BCF Fish 1	(no bioaccumulation expected)
Partition coefficient n-octanol/water (Log Pow)	0.45 (at 25 °C)

12.4. Mobility in Soil

Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name : ELEVATED TEMPERATURE LIQUID, N.O.S., (ASPHALT)

Hazard Class : 9
Identification Number : UN3257

Label Codes : 9

Packing Group : III ERG Number : 128 14.2. In Accordance with IMDG

Proper Shipping Name : ELEVATED TEMPERATURE LIQUID, N.O.S., (ASPHALT)

Hazard Class : 9

Identification Number: UN3257Label Codes: 9Packing Group: IIIEmS-No. (Fire): F-AEmS-No. (Spillage): S-P

EmS-No. (Spillage) : S-1 14.3. In Accordance with IATA

Proper Shipping Name : ELEVATED TEMPERATURE LIQUID, N.O.S., (ASPHALT)

Identification Number : 9
Hazard Class : UN3257

Hazard Class : UN325 Label Codes : 9 ERG Code (IATA) : 9L

14.4. In Accordance with TDG

Proper Shipping Name : ELEVATED TEMPERATURE LIQUID, N.O.S., (ASPHALT)

Hazard Class : 9 Identification Number : UN3257

Label Codes : 9
Packing Group : III



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SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

15.1. US rederal Regulations			
DuraPhaltTM, DuraPhaltTM HM, DuraWayTM, DuraToughTM, DuraPlayTM, DuraTintTM, DuraWhisperTM, DuraCycleTM,			
DuraClimeTM			
SARA Section 311/312 Hazard Classes	Health hazard - Carcinogenicity		
	Health hazard - Specific target organ toxicity (single or repeated exposure)		
Carbonic acid, magnesium salt (1:1) (546-93-0)			
Listed on the United States TSCA (Toxic Substan	nces Control Act) inventory		
Quartz (14808-60-7)			
Listed on the United States TSCA (Toxic Substan	nces Control Act) inventory		
Asphalt (8052-42-4)	Asphalt (8052-42-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
Hydrogen Sulfide (7783-06-4)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
Listed on the United States SARA Section 302			
Subject to reporting requirements of United States SARA Section 313			
CERCLA RQ	CERCLA RQ 100 lb		
SARA Section 302 Threshold Planning Quantity (TPQ) 500 lb			
SARA Section 313 - Emission Reporting 1 %			

15.2. US State Regulations

Quartz (14808-60-7)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product can expose you to Bitumens, extracts of steam-refined and air refined, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Carbonic acid, magnesium salt (1:1) (546-93-0)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List

Quartz (14808-60-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

Asphalt (8052-42-4)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

Hydrogen Sulfide (7783-06-4)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

15.3. Canadian Regulations

Carbonic acid, magnesium salt (1:1) (546-93-0)

Listed on the Canadian DSL (Domestic Substances List)

Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

Asphalt (8052-42-4)

Listed on the Canadian DSL (Domestic Substances List)

11/24/2021 EN (English US) 10/11

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Hydrogen Sulfide (7783-06-4)

Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest

: 01/01/2022

Revision

Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products

Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Acute Tox. 2 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 2
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Gas 1	Flammable gases Category 1
Press. Gas (Liq.)	Gases under pressure – Liquefied gas
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H280	Contains gas under pressure; may explode if heated
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H351	Suspected of causing cancer
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life

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NA GHS SDS 2015 (Can, US, Mex)