

Safety Data Sheet

According to Canadian Hazardous Products Regulations SOR/2022-272, GHS Revision 7 and certain provisions of GHS Revision 8

Initial preparation date: 05.21.2026

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SECTION 1: Identification

Product identifier

Product name: Flashing Bond

Product code: 7110

Recommended use of the product and restriction on use

Relevant identified uses: Not determined or not applicable.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

Canada

The Garland Company Canada

3565 Nashua Drive

Mississauga, Ontario L4V 1R1

4167477995

Garlandcanada.com

Emergency telephone number:

United States

ChemTrec

1-800-762-8225 (24/7)

SECTION 2: Hazard identification

Classification in accordance with Canadian Hazardous Products Regulations (HPR) SOR/2022-272:

Flammable liquids, category 3

Skin irritation, category 2

Serious eye damage, category 1

Skin sensitization, category 1A

Carcinogenicity, category 1A

Specific target organ toxicity - single exposure, category 3, respiratory tract irritation

Specific target organ toxicity - repeated exposure, category 1

Label elements

Hazard pictogram(s):



Signal Word: Danger

Hazard statements:

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H226 Flammable liquid and vapour
H315 Causes skin irritation
H318 Causes serious eye damage
H317 May cause an allergic skin reaction
H350 May cause cancer.
H335 May cause respiratory irritation
H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, and lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P264 Wash skin thoroughly after handling.
P261 Do not breathe mist, vapours or spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P271 Use only outdoors or in a well-ventilated area.
P260 Do not breathe dust, fumes, gas, mist, vapours or spray.
P270 Do not eat, drink or smoke when using this product.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P370+P378 In case of fire: Use agents recommended in Section 5 to extinguish.
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).
P332+P313 If skin irritation occurs: Get medical attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor/...
P333+P313 If skin irritation or rash occurs: Get medical attention.
P308+P313 If exposed or concerned: Get medical attention.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor/.../if you feel unwell
P314 Get medical attention if you feel unwell.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

Health Hazards Not Otherwise Classified (HHNOC):

None

Physical Hazards Not Otherwise Classified (PHNOC):

None

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SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 8052-42-4	Asphalt	26.4-70.8
CAS number: 64742-93-4	Asphalt, Oxidized	<40.4
CAS number: 8052-41-3	Stoddard Solvent with < 0.3% Benzene content	10-31.6
CAS number: 8031-18-3	Fuller's Earth	10.8-16
CAS number: 14808-60-7	Silica, crystalline quartz (non respirable)	<1.6
CAS number: 91-20-3	Naphthalene	0.0033-0.057

Additional Information: None

SECTION 4: First-aid measures

Description of first-aid measures

General notes:

Show this Safety Data Sheet to the doctor in attendance.

After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

Immediately rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. Seek immediate medical attention, preferably from an ophthalmologist.

After ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most important symptoms and effects, both acute and delayed

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Acute symptoms and effects:

Product is flammable. Exposure to sources of ignition may cause physical injury.

Skin contact may result in redness, pain, burning and inflammation.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision.

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

Inhalation may have adverse effects on the respiratory tract. Symptoms may include cough, breathing difficulties, sore throat and inflammation of the mucous membrane lining the respiratory tract.

Delayed symptoms and effects:

Effects are dependent on exposure (dose, concentration, contact time).

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time).

Causes damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time).

Immediate medical attention and special treatment

Specific treatment:

Skin/eye burns require immediate treatment.

In case of eye contact, seek prompt medical attention while rinsing is continued.

If respiratory symptoms persist, seek medical attention.

Notes for the doctor:

Treat symptomatically.

SECTION 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media:

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable extinguishing media:

Do not use water jet.

Specific hazards arising from the product:

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Thermal decomposition may produce irritating/toxic fumes/gases.

Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water

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spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and material for containment and cleaning up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only

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with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Do not get in eyes. Avoid contact with skin and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for safe storage, including any incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Alberta	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 572 mg/m ³ (100 ppm)
	Asphalt	8052-42-4	8-Hour TWA: 5 mg/m ³ (Asphalt (Petroleum; Bitumen) fume)
	Naphthalene	91-20-3	TWA: 10 ppm (52 mg/m ³)
	Naphthalene	91-20-3	STEL: 15 ppm (79 mg/m ³)
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (Respirable particulate)
British Columbia	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	15-Minute STEL: 580 mg/m ³
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 290 mg/m ³
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ (Asphalt (Bitumen) fume, as benzene-soluble aerosol, Inhalable)
	Naphthalene	91-20-3	TWA: 10 ppm
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (Respirable)
Manitoba	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ (Asphalt (Bitumen) fume, as benzene-soluble aerosol, inhalable fraction)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ ((fume, inhalable particulate matter, as Benzene-soluble aerosol))
	Naphthalene	91-20-3	TWA: 10 ppm
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (Respirable fraction)
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 525 mg/m ³
Ontario	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ (ASPHALT (BITUMEN) FUME, AS BENZENE-SOLUBLE AEROSOL, INHALABLE FRACTION)
	Naphthalene	91-20-3	TWA: 10 ppm
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour TWA: 0.1 mg/m ³ (Respirable fraction)
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 525 mg/m ³ (100 ppm)
Quebec	Asphalt	8052-42-4	8-Hour TWA: 5 mg/m ³ (Asphalt, fumes from (petroleum))
	Naphthalene	91-20-3	TWA: 10 ppm
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour TWA: 0.1 mg/m ³ (Respirable dust)
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	15-Minute Contamination Limit: 125 ppm
Saskatchewan	Asphalt	8052-42-4	15-Minute Contamination Limit: 1.5 mg/m ³ (Asphalt (bitumen) fume, as benzene soluble aerosol (inhalable fraction))
	Asphalt	8052-42-4	8-Hour Contamination Limit: 0.5 mg/m ³ (Asphalt (bitumen) fume, as benzene soluble aerosol (inhalable fraction))
	Naphthalene	91-20-3	TWA: 10 ppm
	Naphthalene	91-20-3	STEL: 15 ppm
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour Contamination Limit: 0.05 mg/m ³ (Respirable fraction)
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ (Asphalt (Bitumen) fume, as benzene-soluble aerosol, inhalable fraction)
New Brunswick	Naphthalene	91-20-3	TWA: 10 ppm
	Silica, crystalline quartz (non respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (Respirable fraction)
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 575 mg/m ³ (100 ppm)
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ (Asphalt (Bitumen) fume, as benzene-soluble aerosol, inhalable fraction)
Yukon	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 575 mg/m ³ (100 ppm)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	15-Minute STEL: 720 mg/m ³ (150 ppm)
	Asphalt	8052-42-4	8-Hour TWA: 5 mg/m ³ (Fume)
	Asphalt	8052-42-4	15-Minute STEL: 10 mg/m ³ (Fume)
Northwest Territories	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	15-Minute STEL: 125 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ (Bitumen, fume (inhalable fraction), as Benzene soluble aerosol)
	Asphalt	8052-42-4	15-Minute STEL: 1.5 mg/m ³ ((Bitumen, fume (inhalable fraction), as Benzene soluble aerosol))
Nunavut	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	15-Minute STEL: 125 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ ((Bitumen, fume (inhalable fraction), as Benzene soluble aerosol))
	Asphalt	8052-42-4	15-Minute STEL: 1.5 mg/m ³ ((Bitumen, fume (inhalable fraction), as Benzene soluble aerosol))
Nova Scotia	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ ((fume, inhalable particulate matter, as Benzene-soluble aerosol))
	Naphthalene	91-20-3	TWA: 10 ppm
Newfoundland and Labrador	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ ((fume, inhalable particulate matter, as Benzene-soluble aerosol))
	Naphthalene	91-20-3	TWA: 10 ppm
Prince Edward Island	Stoddard Solvent with < 0.3% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Asphalt	8052-42-4	8-Hour TWA: 0.5 mg/m ³ ((fume, inhalable particulate matter, as Benzene-soluble aerosol))
	Naphthalene	91-20-3	TWA: 10 ppm

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Not determined or not applicable.

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Appropriate engineering controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Individual protection measures, such as personal protective equipment (PPE)

Eye and face protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Use safety glasses with side shields or goggles. Consider the use of a face shield for splash protection.

Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and body protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

General hygienic measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical State:	Viscous liquid
Color:	Black
Odor:	Petroleum odor
pH-value:	N/Av
Melting/Freezing point:	N/Av
Boiling point/range:	149-199 C
Flash point:	41 C
Flammability (solid, gaseous):	N/Av
Explosion limit upper:	N/Av

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Explosion limit lower:	N/Av
Vapor pressure:	N/Av
Density:	Not determined or not available.
Relative density:	1.08
Solubilities:	N/Av
Partition coefficient (n-octanol/water):	Insoluble
Auto/Self-ignition temperature:	N/Av
Decomposition temperature:	N/Av
Kinematic viscosity:	N/Av
Relative vapor density:	N/Av
Particle characteristics:	N/Av

Other information

No additional information

SECTION 10: Stability and reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical stability:

Stable under recommended handling and storage conditions.

Possibility of hazardous reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible materials:

None known.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Route	Result
Stoddard Solvent with < 0.3% Benzene content	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: > 5.5 mg/L (4 hr [vapour])
	dermal	LD50 Rabbit: > 3000 mg/kg

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Name	Route	Result
Asphalt	oral	LD50 Rat: >5000 mg/kg
	inhalation	LC50 Rat: >94.4 mg/m ³ (4.5 h [mixed aerosol and vapor])
	dermal	LD50 Rabbit: >2000 mg/kg
Asphalt, Oxidized	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 Rat: > 94.4 mg/m ³ (4.5 hr [mixed aerosol and vapor])
Naphthalene	oral	LD50 Mouse: 533 mg/kg
	dermal	LD50 Rat: >2500 mg/kg
	inhalation	LC50 Rat: >0.4 mg/L (4 hr [Vapor])

Skin corrosion/irritation

Assessment:

Causes skin irritation.

Product data:

No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	Causes skin irritation.

Serious eye damage/irritation

Assessment:

Causes serious eye damage.

Product data:

No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	Causes serious eye irritation.

Respiratory or skin sensitization

Assessment:

May cause an allergic skin reaction.

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

Assessment:

May cause cancer.

Product data: No data available.

Substance data:

Name	Species	Result
Asphalt, Oxidized	Not Applicable	Certain extracts of asphalt fumes are possibly carcinogenic to humans.

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Name	Species	Result
Naphthalene		Suspected of causing cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Stoddard Solvent with < 0.3% Benzene content	Not Applicable
Asphalt	Group 2B
Asphalt, Oxidized	Group 2A
Naphthalene	Group 2B
Silica, crystalline quartz (non respirable)	Group 1

National Toxicology Program (NTP):

Name	Classification
Stoddard Solvent with < 0.3% Benzene content	Not Applicable
Asphalt	Not Applicable
Asphalt, Oxidized	Not Applicable
Naphthalene	Reasonably anticipated to be human carcinogens
Silica, crystalline quartz (non respirable)	Known to be human carcinogens

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment:

May cause respiratory irritation.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment:

Causes damage to organs through prolonged or repeated exposure.

Product data:

No data available.

Substance data:

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Name	Result
Stoddard Solvent with < 0.3% Benzene content	Causes damage to the Central Nervous System through prolonged or repeated exposure via inhalation.
Naphthalene	May cause damage to organs through prolonged or repeated exposure.
Silica, crystalline quartz (non respirable)	If material is processed (e.g. grinding, sanding, cutting), respirable particles of this substance may be released. Chronic exposure to respirable particles of this substance via inhalation may cause silicosis, an incurable lung disease that leads to disability and death. It may also cause COPD (Chronic Obstructive Pulmonary Disease), Lung Cancer, Kidney disease and the development of autoimmune disorders.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	May be fatal if swallowed and enters airways.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No additional information

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	Fish LC50 Oncorhynchus mykiss: 2.5 mg/L (96 hr)
	Aquatic Invertebrates LC50 Daphnid: 0.107 mg/L (48 hr [QSAR])
	Aquatic Plants EC50 Green algae: 0.277 mg/L (96 hr [QSAR])
Asphalt	Fish LC50 Oncorhynchus mykiss: > 1000 mg/L (96 hr [LL50 - mortality, Read-across substance data])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 1000 mg/L (72 hr [EL50 - growth rate, Read-across substance data])
Naphthalene	Aquatic Plants EC50 Skeletonema costatum: 0.4 - 0.5 mg/L (72 hr [biomass])
	Fish LC50 Oncorhynchus mykiss: 1.6 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 2.16 mg/L (48 hr [mobility])

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

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Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	Fish NOEC Oncorhynchus mykiss: 0.02 mg/L (30d [QSAR])
	Aquatic Invertebrates NOEC Daphnia magna: 0.1 mg/L (21d [reproduction])
	Aquatic Plants NOEC Green algae: 0.142 mg/L (30d [QSAR])
Asphalt	Fish NOEC Oncorhynchus mykiss: > 1000 mg/L (28 d [NOEL - mortality, Read-across substance data])
	Aquatic Invertebrates NOEC Daphnia magna: >= 1000 mg/L (21 d [NOEL - reproduction, Read-across substance data])
Naphthalene	Fish NOEC Oncorhynchus kisutch: 0.37 mg/L (40 d [growth rate])
	Aquatic Invertebrates NOEC Daphnia pulex: 0.59 mg/L (125 d [mortality])

Persistence and degradability

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	The substance is readily biodegradable. >63% degradation, measured by CO2 evolution, after 28 days.
Asphalt	Standard biodegradability studies are not applicable to petroleum UVCB substances.
Asphalt, Oxidized	Standard biodegradability studies are not applicable to petroleum UVCB substances.
Naphthalene	The substance is readily biodegradable. > 74% degradation in water, measured by O2 consumption, after 28 days.

Bioaccumulative potential

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	The substance is not expected to bioaccumulate. BCF (aquatic species): 39.66 L/Kg [QSAR].
Asphalt	Standard bioaccumulation studies are not applicable to petroleum UVCB substances.
Asphalt, Oxidized	Standard bioaccumulation studies are not applicable to petroleum UVCB substances.
Naphthalene	The substance has the potential to bioaccumulate (BCF= 36.5 - 168 dimensionless, basis- whole body w.w.).

Mobility in soil

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.3% Benzene content	The substance is slightly mobile with a high potential for adsorption to soil and sediment [Koc at 20°C: 1451].

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Name	Result
Asphalt	Standard adsorption/desorption studies are not applicable to petroleum UVCB substances.
Asphalt, Oxidized	Standard adsorption/desorption studies are not applicable to petroleum UVCB substances.
Naphthalene	The substance is moderately mobile, therefore, moderate adsorption to soil is expected ($K_{oc} = 455$ at 20 °C).

Results of PBT and vPvB assessment

Product data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance data:

PBT assessment:

Stoddard Solvent with < 0.3% Benzene content	The substance is not PBT.
Asphalt	Standard PBT studies are not applicable to petroleum UVCB substances.
Asphalt, Oxidized	This substance is not PBT.
Naphthalene	The substance is not PBT.

vPvB assessment:

Stoddard Solvent with < 0.3% Benzene content	The substance is not vPvB.
Asphalt	Standard vPvB studies are not applicable to petroleum UVCB substances.
Asphalt, Oxidized	This substance is not vPvB.
Naphthalene	The substance is not vPvB.

Other adverse effects: No additional information

SECTION 13: Disposal considerations

Disposal methods:

Dispose in accordance with all applicable federal, state, provincial and local regulations.

Contaminated packages:

a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14: Transport information

Canadian Transportation of Dangerous Goods (TDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None

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Special precautions for user	None
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International Maritime Dangerous Goods (IMDG) Code

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

Canada regulations

Domestic substances list (DSL): All ingredients are listed or exempt.

Non-domestic substances list (NDSL): None of the ingredients are listed.

Additional information: No additional information.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with the Canadian Hazardous Products Regulations SOR/2022-272, GHS Revision 7 and certain provisions of GHS Revision 8. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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End of Safety Data Sheet