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Jet Black Cut Back Safety Data Sheet


120 Chatham St. Hamilton, ON L8P 2B5
Tel: 905-525-2576
Email: gforsythe@forsythe.on.ca

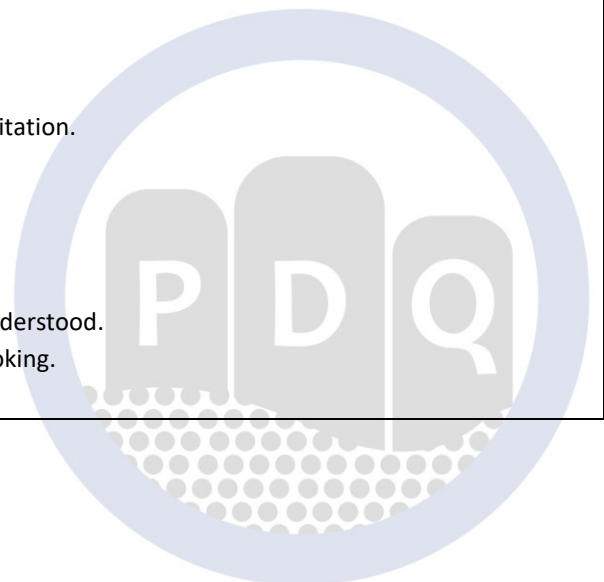


SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: JET BLACK CUT BACK			
Product Use: <i>Cutback Asphalt</i>			
Manufacturer's Name: Bulk Sealer			
Street Address: 120 Chatham Street			
City: Hamilton	Province: ON	Postal Code: L8P 2B5	Emergency Telephone: 905-525-2576

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview:	CAUTION!
Classification	Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause respiratory tract irritation. May cause cancer.
GHS Label elements	
Hazard pictograms:	
Signal word:	Danger
Hazard statement(s):	Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause respiratory tract irritation. May cause cancer.
Precautionary Statements – Prevention	
Obtain special instructions before use.	
Do not handle until all safety precautions have been read and understood.	
Keep away from heat/sparks/open flames/hot surfaces – No smoking.	
Keep container tightly closed.	





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Keep cool.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/light/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Do not breathe dust/fumes/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well ventilated area.
 Wear protective gloves/eye protection/face protection.

Precautionary Statements – Response

If swallowed: Immediately call a POISON CENTRE or doctor/physician.
 If on skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
 If exposed or concerned: Get medical advice/attention.
 Call a poison centre/doctor if you feel unwell.
 Get medical advice/attention if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs, get medical advice/attention.
 If eye irritations persists, get medical advice/attention.
 If swallowed: Immediately call a POISON CENTRE or doctor/physician.
 If on skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

Precautionary Statements – Storage

Store in a well ventilated place. Keep container tightly closed.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local/national regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	% by wt.	CAS Number
Asphalt (petroleum)	45-60	8052-42-4
Stoddard solvent	40-50	8052-41-3



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SECTION 4 – FIRST AID MEASURES

- EYE CONTACT:** Flush eyes with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing eyes. Seek immediate medical attention.
- SKIN CONTACT:** If hot material strikes the skin, immediately drench or immerse in cool water. Do not attempt to remove asphalt from burn after it has cooled, seek immediate medical attention. In non-burn situations wash with baby oil and/or mild non-abrasive soap for at least 15 minutes. Use warm water. Remove contaminated clothing and discard. If irritation persists repeat the washing procedure. Seek medical attention.
- INHALATION:** Move the victim to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. Seek immediate medical attention.
- INGESTION:** Do not induce vomiting. If conscious give quantities of water. Keep the victim warm and quiet. Seek immediate medical attention. Should vomiting occur, lean the victim over to reduce the risk of aspiration.

Most important symptoms and effects, both acute and delayed

EFFECTS OF OVER EXPOSURE

INHALATION: Excessive exposure to vapours may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure can result in headaches, dizziness, nausea, and narcotic effects; it can be defined as inadequate ventilation for extended periods of time.

EYE CONTACT: Splash of the liquid or concentrated vapours may cause severe eye irritation. Severe injuries may result of repeated or prolonged contact. Injuries to the eye may be permanent if not treated immediately.

SKIN CONTACT: May be irritating to the skin, causing defatting, redness, cracking, and dryness. Toxic amounts of products may be absorbed through the skin.

INGESTION: If swallowed, this product may cause vomiting, nausea, and diarrhea and may be harmful if swallowed in very large amounts.

CHRONIC EXPOSURE: Prolonged skin contact may cause dermatitis.

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver, and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness, and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.



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SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Class “B” dry chemical, carbon dioxide, or other suitable extinguishing material such as dry sand. Do not use halogenated agents. When flames have been eliminated, cover residue with dry extinguishing agent or dry sand and allow it to remain undisturbed until it has cooled. If fire appears to increase in intensity, stop using these agents. Apply Class “D” extinguishing agent or more dry, inert, granular material. Ring fire with extinguishing material and allow the fire to burn out.

SPECIFIC HAZARDS DURING FIREFIGHTING:

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/light/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing.

COMBUSTION PRODUCTS:

Oxides of carbon, sulfur dioxide.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

Treat as a highly flammable liquid. Wear self-contained breathing apparatus. Wear complete protective clothing and safety equipment. Evacuate area and fight fire from a safe distance.

Vapours form an explosive mixture between upper and lower explosion limits in air (percent volatiles in air).

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: Not Sensitive

SENSITIVITY TO STATIC CHARGE: Sensitive

If the fire does not respond to above agents or they are not available, use foam or water fog as a last resort. Water may also be used to cool exposed, but not burning, containers. These products may float and be re-ignited on top of water.

Close containers may explode in a fire. Keep containers cool and remove to a safe location.

In a confined space, wear positive pressure, self-contained breathing apparatus (SCBA), with a full face-piece and protective clothing. Persons without respiratory protection should leave area.



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SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	For personal protective equipment, see Section 8.
ENVIRONMENTAL PRECAUTIONS:	Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
METHOD FOR CONTAINMENT & CLEAN-UP:	Remove any sources of ignition and avoid prolonged breathing of vapour when performing any clean up of spills. Ventilate the area. Absorb the spill by using an inert material. Transfer the absorbed material into a waste container. Handle as a highly flammable liquid. Prevent the product or any wash waters from entering the water systems or sewers. Wear a NIOSH/OSHA approved organic vapour canister respirator. Wear protective clothing such as safety eyewear, overalls, impervious boots, and chemical resistant gloves.

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES:	Always ground the containers when transferring or mixing.
STORAGE PROCEDURES:	Store in a cool, dry area, away from heat, sparks, and naked flames. Keep containers sealed when not in use. Keep container closed when not in use. Store in a well ventilated area. Maintain package labelling during storage. Incompatible materials: Can react violently with strong oxidizing agents, alkalis, and acids. Store in a cool, dry, well-ventilated area. Keep away from direct sunlight, high heat, incompatible materials and any sources of ignition.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS:			
Exposure			
CAS No.	Ingredient	Source	Value
8052-41-3	Stoddard solvent	OSHA	TWA 500 ppm (2900 mg/m ³)
		ACGIH	TWA 290 mg/m ³ STEL 580 mg/m ³
		NIOSH	TWA 350 mg/m ³ C 1800 mg/m ³ [15-minute]
		Supplier	No established limit



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8052-42-4	Asphalt (petroleum)	OSHA	No established limit
		ACGIH	TWA 0.5 mg/m ³ 2B
		NIOSH	Ca C 5 mg/m ³ [15-minute]
		Supplier	No established limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
8052-41-3	Stoddard solvent	OSHA	Select carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No Group 2a: No Group 2b: No Group 3: No Group 4: No
8052-42-4	Asphalt (petroleum)	OSHA	Select carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No Group 2a: No Group 2b: No Group 3: No Group 4: No

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

Avoid breathing the vapour. Use an organic vapour mask under normal conditions and use a NIOSH/OSHA approved organic vapour canister respirator when exposure limits are exceeded.

Use adequate ventilation.

EYE PROTECTION:

Wear anti-splash chemical goggles with side shields or wear a full face shield. Contact lenses should not be worn when working around organic solvents.

SKIN & BODY PROTECTION:

Protective clothing as necessary to prevent wetting of the skin.

HYGIENE MEASURES:

Avoid repeated or prolonged contact with the skin. If rags are used with this product as a cleaning purpose, discard them into a water-filled container after use. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.



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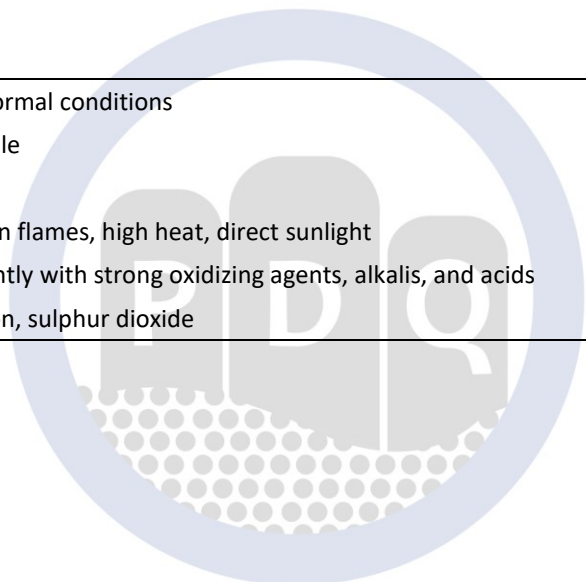


SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Black
Odour	Solvent-like odour
Odour Threshold (ppm)	Not determined
pH	Not measured
Melting/freezing point (°C)	Not measured
Boiling point/boiling range (°C)	Not available
Flash point (°C)	41
Evaporation Rate	Slower than N-butyl acetate
Flammability Limit in Air	
Upper flammability limit	6%
Lower flammability limit	0.9%
Vapour pressure	2 mm Hg at 20°C
Vapour density	4.5 (air=1)
Specific Gravity	0.91-1.02
Water Solubility	Insoluble
Partition coefficient: n-octanol/water	Not measured
Auto-ignition temperature (°C)	232
Kinematic viscosity (cSt) at 40°C	Not measured
VOC Content (%)	Not available

SECTION 10 – STABILITY & REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS	No data available
HAZARDOUS POLYMERIZATION	Will not occur
CONDITIONS TO AVOID	Sparks and open flames, high heat, direct sunlight
INCOMPATIBLE MATERIALS	Can react violently with strong oxidizing agents, alkalis, and acids
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, sulphur dioxide





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SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

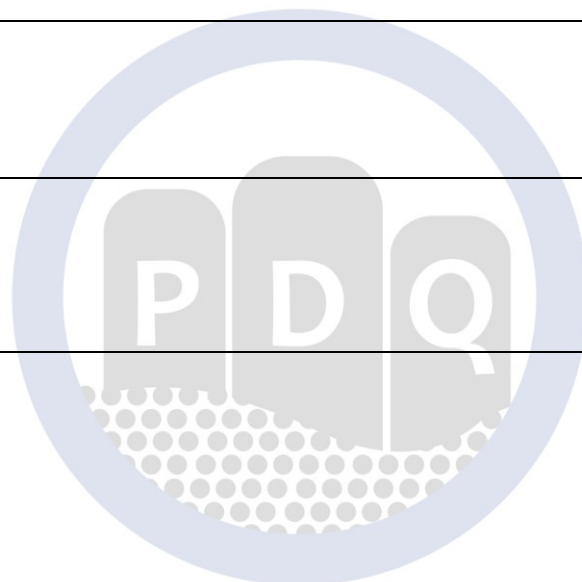
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt (petroleum)	No data available	No data available	No data available
Stoddard solvent	> 5,000 mg/kg (Rat)	No data available	5.5 mg/L 4 hr (Rat, Dust/Mist)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Not applicable
Mutagenic Effects	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	Not applicable
STOT – single exposure	May cause respiratory tract irritation
STOT – repeated exposure	Not applicable
Aspiration Hazard	Not applicable

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	No data available
PERSISTENCE & DEGRADABILITY	No data available
BIOACCUMULATION	No data available
OTHER ADVERSE EFFECTS	No data available





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SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Bury in an approved landfill according to local, provincial/state, and federal regulations. Empty containers that have been completely emptied and the residue allowed to dry are not considered hazardous waste.

SECTION 14 – TRANSPORT INFORMATION

DOT Hazard class: 3
IMDG/IMO Hazard class: 3; Sub class: III

SECTION 15 – REGULATORY INFORMATION

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification

B3 D2A

US EPA Tier II Hazards

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs (lbs):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.





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EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Asphalt (petroleum)

Stoddard solvent

Pennsylvania RTK Substances (>1%):

Asphalt (petroleum)

Stoddard solvent

SECTION 16 – OTHER INFORMATION

Revision date: JULY 2019

WARRANTY & DISCLAIMER

Using additives not distributed by PDQ Bulk Sealer, Inc. may result in inconsistent or undesired results. PDQ's additives are designed specifically for use with the Jet Black H2O and Poly Jet Black H2O sealcoating's our plants produce. The suggestions and related data contained on these pages are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. PDQ Bulk Sealer, Inc. will not be responsible for any indirect or consequential damages. We will either replace or refund the purchase price in the event the products are proved to be defective, at our option.

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