

SAFETY DATA SHEET (SDS)

BLACK UNDERCOATING

SECTION 1: IDENTIFICATION

Product Name: Black Undercoating
Product Use: Asphalt Undercoating
Product Code(s): S-800SD, S-860SD, S-820SD, S-801SD

Supplier:
Sym-Tech Inc.
P.O. Box 430, Stn A
Scarborough ON
M1K 5C3
1-800-363-5796
Emergency Tel.

1-613-996-6666 CANUTEC for 24HR emergency information

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION:

Classification of Substance of mixture:
Flam. Liq 3;H226:
Store 1; H372:

Flammable liquid and vapour
Causes damage to organs through prolonged or repeated exposure – specific target organs (central nervous system)

LABEL ELEMENTS:
Signal Word:
Hazard Statements:

Danger
H226 – Flammable Liquid and vapour
H372 – Causes damage to organs through prolonged or repeated exposure

Symbol:



GHS Precautionary Statements:

P210: Keep away from heat / sparks / open flames / hot surfaces - do not smoke during use of product
P235: Keep cool
P240: Ground / bond container and receiving equipment
P241: Use exposure –proof electrical / ventilating / light equipment
P242: Use only non-sparking tools
P243: Take precautionary measure against static discharge
P260: Do not breath mist/ vapours / spray

P262:	Do not get in eyes, on skin, or on clothing
P264:	Wash thoroughly after handling
P270:	Do not eat, drink, or smoke when using this product
P280:	Wear protective gloves / eye protection / face protection
Response:	
If Swallowed	Immediately call a Poison Centre, doctor or physician
P301+310:	
If on skin or hair:	Remove / take off immediately all contaminated clothing. Rinse skin with water and shower
P303 + 361 + 353:	
P314:	Get medical advice / attention if you feel unwell
P331:	Do NOT induce vomiting
In case of fire:	Use extinguishing media listed in section 5 of SDS for extinction
P370 + 378:	
Storage:	
P-403 + 233:	Store in a well ventilated place. Keep container tightly closed
Disposal:	
P501:	Dispose contents / container in accordance with local / national regulations

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations:

Ingredients / Chemical Designations	Weight %	GHS Classification	Notes
Asphalt (petroleum) CAS Number: 0008052-42-4	50 - 75	Not Classified	(1) (2)
Stoddard solvent CAS Number (0008052-41-3	25 - 50	Stot Re 1;H372 Asp. Tox 1;H304	(1) (2)
Methanol CAS Number 0000067-56-1	1.0 - 10	Flam. Liq 2;H225 Acute Tox. 3;H331 Acute Tox 3;H331 Acute Tox 3;H301 Stot SE 1;H370	(1) (2)

In accordance with paragraph (1) of 1910.1200, the specific chemical identity and / or exact percentage (concentration) of composition has been withheld as a trade secret

- 1) Substance classified with a health or environmental hazard
- 2) Substance with a workplace exposure limit
- 3) PBT-substance or vPvB-substance

The full texts of the phases as shown in Section 16

SECTION 4: FIRST-AID MEASURES

General:	In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	Move the victim to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. Seek immediate medical attention.
Skin:	Remove the paint residue using industrial hand cleaner. Wash the skin with plenty of warm water and mild nonabrasive soap for at least 15 minutes. Do not use cold water. Remove contaminated clothes, wash clothing before reuse. If the irritation persists repeat the washing procedure. Seek medical attention.
Eyes:	Irrigate copiously with clean water for at least 15 minutes holding the eyelids apart and seek medical attention.
Ingestion:	Do not induce vomiting. If conscious, give large quantities of water. Keep the victim warm and quiet. Seek immediate medical attention. Should vomiting occur, lean the victim forward to reduce the risk of aspiration.

4.2 Most important symptoms and effects, both acute and delayed

Overview:

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 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 product 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 vapor concentrations from the components solvents in excess of the stated occupational exposure limits may result in 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. See section 2 for further details.

SECTION 5: FIRE-FIGHTING MEASURES

Explosion Data:

Sensitivity to mechanical impact: Not Sensitive

Sensitivity to static charge: Sensitive

Extinguishing Media:

Class B dry chemical carbon, or 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.

Special hazards arising from the substance or mixture:

Hazardous decomposition: Oxides of carbon

Keep away from heat / sparks / open flames / hot surfaces – do not smoke

Keep cool

Ground / bond container and receiving equipment

Use explosive-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

Advice for Fire Fighters:

Treat as a highly flammable liquid. Wear self-contained breathing apparatus. Wear complete protective clothing (overalls, boots, goggles, etc.) and safety equipment.

Evacuate area and fight fire from a safe distance.

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

If the fire does not respond to the above agents or they are not available, use foam or water GOF as a last result.

Water may also be used to cool exposed, but not burning, containers. These products may float and be re-ignited on top of water.

Closed 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Put on appropriate 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 a toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Methods and material for containment and clean up:

Remove any sources of ignition and avoid prolonged breathing of vapour when performing and cleaning up spills. Ventilate the area. Absorb the spill by using an inert material (sand, earth, vermiculate etc.) Transfer the absorbed material in a waste container. Handle as a highly flammable liquid.

SECTION 7: HANDLING AND STORAGE

Storage:

Store in cool, dry area, away from heat, sparks and naked flames.

Keep container closed when not in use. Store in a dry ventilated area. Maintain package labeling during storage.

Incompatible materials: Can react violently with strong oxidizing agents, alkalis, and acids.

Keep away from direct sunlight, high heat, incompatible material and any sources of ignition.

Handling:

Always ground the containers when transferring or mixing.

See section 2 for further details (Prevention:)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS No.	Ingredient	Source	Value
0000067-56-1	Methanol	OSHA	TWA 200 mmp (260 mg/m ³)
		ACGIH	TWA: 200 ppm STEL: 250 ppm skin
		NIOSH	TWA: 200 ppm (260 mg/m ³) ST 250 ppm (325 mg/m ³) (skin)
		Supplier	No Established Limit
0008052-41-3	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 minutes)
		Supplier	No Established Limit
0008052-42-4	Asphalt (petroleum)	OSHA	No Established Limit
		ACGIH	TWA: .05 mg/m ³ 2B
		NIOSH	Ca C 5 mg/m ³ (15 minutes)
		Supplier	No Established Limit
0000067-56-1	Methanol	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;
0008052-41-3	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;
0008052-42-4	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;

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 levels are exceeded. Use adequate ventilation. Engineering; provide sufficient ventilation to control the exposure levels below limits.

Skin Protection:

Protective clothing is necessary to prevent wetting of the skin

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.

Engineering Controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices:

Avoid repeated or prolonged contact with 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. See section 2 for further details (Prevention)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black Liquid
Odor:	Solvent – like Odor
Odor Threshold:	Not determined
pH:	Not Measured
Melting Point / Freezing Point:	Not Measured
Initial Boiling point and boiling range:	Not Available
Flash Point:	>38°C >°100.4°F (TCC)
Evaporation rate (Ether = 1):	1.2 (mineral spirits)
Flammability (solid, gas):	Not Applicable
Upper / Lower flammability or explosive limits:	Lower Explosive Limit: 1 Upper Explosive Limit: 7
Vapour Pressure (Pa):	Not available
Vapour Density:	Not available
Specific Gravity:	0.959 @77°F
Solubility in Water:	Insoluble
Partition coefficient n-octanol/water (Log Kow):	Not measured
Auto-ignition temperature:	253°C / 470°F
Decomposition temperature:	Not measured
Viscosity (cSt):	Not measured
VOC Content:	362 g/L (typical)
Percent Solids (by weight):	54% (typical)
Percent Volatile (by weight):	46% (typical)
Percent Solids (by volume):	53% (typical)
Density (lbs/US gal):	53% (typical)
Other information:	No other relevant information

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal circumstances
Hazardous Polymerization:	Will not occur
Materials to Avoid:	Strong oxidizing agents, alkalis and acids
Conditions to Avoid:	Sparks and open flames, high heat, direct sunlight
Hazardous Decomposition Products:	Oxides of carbon
Possibility of Hazardous Reactions:	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupation exposure limits may result in adverse health effects. Including 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.

Ingredient	Oral LD50 mg / kg	Skin LD mg / kg	Inhalation Vapour LC50, mgL/4hr	Inhalation Dust / Mist LC50 mg/L/4hr	Inhalation Gas LC50 ppm
Asphalt (petroleum) 8052-42-4	No Data available	No data available	No data available	No data available	No Data available
Stoddard Solvent (8052-41-3)	>5,000.00, Rat - Category: NA	No data available	No data available	>5,000.00 Rat Category NA	No Data available
Methanol – 67-56-1	143.00, human - Category: 3	No data available	No data available	No data available	64,000.00 Rat- Category: NA

Note: When no route specific LD50 data is available for an acute toxic, the converted acute toxicity point estimate was used in the calculation of the products ATE (Acute Toxicity Estimate)

Classification	Category	Hazard Description
Acute Toxicity (oral)	---	Not Applicable
Acute Toxicity (dermal)	---	Not Applicable
Acute Toxicity (inhalation)	---	Not Applicable
Skin corrosion / irritation	---	Not Applicable
Serious eye damage / irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT – single exposure	---	Not Applicable
STOT – repeated exposure	1	Causes damage to organs through prolonged or repeated exposure
Aspiration Hazard	---	Not Applicable

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No additional information is provided for this product. See section 3 for chemical specific data

Aquatic Ecotoxicity:

Ingredient	96 hr LC 50 fish, mg/l	48 hr EC50 crustacea mg/ISkin LD mg / kg	Inhalation Vapour LC50, mgL/4hr
Asphalt (petroleum) - 8052-42-4	Not available	Not available	No available
Stoddard Solvent - (8052-41-3)	Not available	Not available	No available
Methanol – (67-56-1)	100.00, Pimephales promlas	10,000.00, Daphnia magna	16.912 (96 hr), Ulva pertusa

Persistence and degradability: There is no data available on the preparation itself

Bioaccumulative Potential: Not Measured

Mobility in Soil: No data available

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals

Other adverse effects: No data

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

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

SECTION 14: TRANSPORT INFORMATION

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO / IATA
UN Number	Not Applicable	Not Regulated	Not Regulated
UN Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
Packing Group	Not Applicable	Not Applicable	Not Applicable
Environmental Hazards IMDG	Marine pollutant: No		
Special Precautions for User	No further information		

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 TCA inventory

WHIMIS Classification:

B3 D2A

US EPA Tier II Hazards

Fire:

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (acute): No

Delayed (chronic) Yes

EPCRA 311/312 Chemicals and RQ's (lbs):

Methanol (5,000.00)

EPCRA 302 Extremely Hazardous:

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

EPCRA 313 Toxic Chemicals:

Methanol

Proposition 65 – Carcinogenes (> 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%):

Methanol

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)

Methanol

Stoddard solvent

Asphalt (petroleum)

Pennsylvania RTK Substances (> 1%):

Methanol
Stoddard solvent

SECTION 16: PREPARATION AND OTHER INFORMATION

The full text of the phrases appearing in section 3 is:

H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
PREPARED BY:	WHMIS Committee
PHONE NUMBER:	1-800-363-5796

EMERGENCY:	This SDS is Registered with CANUTEC
EMERGENCY NUMBER:	For 24hr Information call 613-996-6666
PREPARATION DATE:	January 2021
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