

# SAFETY DATA SHEET

## Section 1 – Product And Company Identification

### PRODUCT

**PRODUCT NAME:** S2S PETROWRAP  
**PRODUCT DESCRIPTION:** Preparation/Mixture  
**PRODUCT USE:** Corrosive Prevention

### MANUFACTURER INFORMATION

**Ship-2-Shore**  
 109-7337 North Fraser Way  
 Burnaby, BC V5J 0G7 Canada  
 (604) 522-2811

### EMERGENCY INFORMATION

**Telephone:** 800-430-1533  
**Emergency Telephone:** 866-836-8855

## Section 2 – Hazards Identification

### GHS Hazard Classification

**Carcinogenicity** Category 1B  
**Specific target organ toxicity (repeated exposure)** Category 1 (Respiratory tract)



### Signal word

Danger

### Hazard Statement:

H350 May cause cancer .  
 H372 Causes damage to organs through prolonged or repeated exposure.

### Precautionary Statements:

#### Prevention

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264 Wash hands thoroughly after handling.  
 P270 Do no eat, drink or smoke when using this product.  
 P281 Use personal protective equipment as required.

#### Response

P308 + P313 IF exposed or concerned: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.

#### Storage

P405 Store locked up.

#### Disposal

P501 Dispose of contents/container: Follow the waste disposal requirements of your country, state, or local authorities.

### Other hazards

0 % of mixture consists of ingredients of unknown acute toxicity

## Section 3 – Composition/Information on Ingredients

COMPONENTS	CAS No.	% BY WEIGHT
Slack wax (Petroleum)	64742-61-6	17-34
Talc	14807-96-6	25-30
Refined petroleum streams	72623-85-9, 72623-83-7	15-18
Microcrystalline wax	63231-60-7	0-27
Mineral Spirits	8052-41-3	2-7
Polybutene	9003-88-4	0-9
Kerosene	8008-20-6	0.5-5

## Section 4 – First Aid Measures

### Description of First Aid Measures

<b>Eye Contact</b>	Remove contact lenses. Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.
<b>Skin Contact</b>	Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get immediate medical attention.
<b>Ingestion</b>	Not an expected route of exposure. If swallowed, do not induce vomiting. Get immediate medical attention.

## Section 5 – Fire Fighting Measures

<b>Fire/explosion</b>	NFPA Class IIIB combustible liquid.
<b>Suitable extinguishing media</b>	Water fog, water spray, foam, dry powder, do not use a solid water stream as it may scatter and spread fire.
<b>Unsuitable extinguishing media</b>	No information available
<b>Special hazards arising from the substance or mixture</b>	Oxides of carbon, dense smoke and possible toxic fumes.
<b>Protective actions fire-fighters</b>	Wear self-contained breathing apparatus and protective suit.

## Section 6 – Accidental Release Measures

### Personal precautions, protective equipment, and emergency procedures

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not breath gas. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

### Methods and materials for containment and cleaning up

Evacuate the area and eliminate all sources of ignition. Spilled material will solidify. Shovel into suitable container for disposal. Pick up and arrange disposal without creating dust. Prevent product from entering drains.

**Spill Precautions** Material can create slippery conditions.

## Section 7 – Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Keep away from heat and sources of ignition. Ensure all equipment is electrically grounded before beginning transfer operations.

### Conditions for safe storage, including any incompatibilities

Do not store near heat, sparks or open flame. Store only in a well ventilated area.

## Section 8 – Exposure Controls / Personal Protection

### Control Parameters

#### Exposure Guidelines

Components	ACGIH TLV	OSHA PEL	NIOSH
			REL
Refined petroleum streams 72623-85-9, 72623-83-7	TWA: 5mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>		
Kerosene 8008-20-6	TWA: 200 mg/m <sup>3</sup>		
Mineral spirits 8052-41-3	TWA: 100ppm		

**Appropriate engineering control**

**Engineering Controls**      Showers  
 Eyewash stations  
 Ventilation systems

**Individual protection measures, such as personal protective equipment**

**EYE PROTECTION:**              Safety Glasses with side shields. Wear ANSI approved eye protection

**SKIN/BODY**                        Selection of specific items such as gloves, boots, apron or full-body suit will depend on

**RESPIRATORY PROTECTION:**    If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**              Handle in accordance with good industrial hygiene and safety practice.

**Section 9 – Physical and Chemical Properties**

	PRODUCT CRITERIA
PHYSICAL STATE	Soft paste on cloth carrier
APPEARANCE - COLOR	Brown/Green
ODOR	Grease
ODOR THRESHOLD	No data available
PH	No data available
MELTING POINT/FREEZING POINT	80°C
INITIAL BOILING POINT AND BOILING RANGE	No data available
FLASH POINT	84°C
EVAPORATION RATE	Not applicable
FLAMMABILITY (solid, gas)	No data available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No data available
VAPOR PRESSURE	No data available
VAPOR DENSITY (AIR=1)	No data available
SPECIFIC GRAVITY(@25°C)	1.12
SOLUBILITY IN WATER	Insoluble
AUTO IGNITION TEMPERATURE	Not applicable
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	Not applicable
VOC CONTENT	50 g/L

**Section 10 – Stability and Reactivity**

**Reactivity:**                                              Stable at normal ambient temperature and pressure.

**Chemical Stability:**                                No decomposition if stored and applied as directed.

**Possibility of Hazardous Reactions:**        None under normal processing.

**Conditions to Avoid:**                              Keep away from heat and sources of ignition

**Incompatibility (Materials to Avoid):**        Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

**Hazardous Decomposition Products:**        Flue gas, carbon monoxide, aldehydes in the case of incomplete combustion.

**Section 11 – Toxicological Information**

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Commen	Chemical Constituent
<b>Acute Toxicity</b>	LD50 (Oral/Rat)	>5000 mg/kg		Slack wax
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	>5000 mg/kg		
	LD50 (Oral/Rat)	>5000 mg/kg		Microcrystalline waxes
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	>3600 mg/kg		
	LD50 (Oral/Rat)	>34,600 mg/kg		Butene, homopolymer
	LC50 (Inhalation/Rat male)	4820 mg/m <sup>3</sup>		
	LD50 (Dermal/Rabbit)	>10,250 mg/kg		
	LD50 (Oral/Rat)	>5000 mg/kg		Refined petroleum Streams (72623-85-9, 72623-83-7)
	LC50 (Inhalation/Rat male)	>2500 mg/kg		
	LD50 (Dermal/Rabbit)	>2000 mg/kg		

	LD50 (Oral/Rat)	>5000 mg/kg		Kerosene (8008-20-6)
	LC50 (Inhalation/Rat male)	>7.5 mg/L, 6 hrs		
	LD50 (Dermal/Rabbit)	>2000 mg/kg		
	LD50 (Oral/Rat)	>2000 mg/kg		Mineral spirits (8052-41-3)
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	>2000 mg/kg		
<b>Skin Corrosion/Irritation</b>	Slightly irritating to skin			Based on information of the components
<b>Serious Eye Damage / Eye Irritation</b>	Slightly irritating to eyes			
<b>Respiratory or Skin Sensitization</b>	Guinea pig: not sensitizing			
<b>Germ Cell Mutagenicity</b>	No evidence of mutagenic effects			
<b>Carcinogenicity</b>	May cause cancer		1B	
<b>Reproductive Toxicity</b>	Based on available data, the classification criteria are not met.			
<b>STOT - Single Exposure</b>	Based on available data, not expected			
<b>STOT - Repeated Exposure</b>	Cause damage to organs through prolonged or repeated exposure.		Cat 1	
<b>Aspiration Hazard</b>	Not classified, no data available			
<b>Ames Test</b>	No data available			

## Section 12 – Ecological Information

**Ecotoxicity** This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water. The environmental impact of this product has not been fully investigated.

<b>Toxicity</b>	LL50 (Pimephales promelas (fathead minnow)) 96 hours: >100 mg/l. LL50 (Gammarus pulex) 48 hours:> 10,000 mg/l. NOEL (Pseudokirchneriella subcapitata (green algae)) 72 hours:>=100 mg/l.	Slack wax
	LL50 (Pimephales promelas (fathead minnow)) 96 hours: >100 mg/l. LL50 (Gammarus pulex) 48 hours:> 10,000 mg/l. NOEL (Pseudokirchneriella subcapitata (green algae)) 72 hours:>=100 mg/l.	Microcrystalline waxes
	LC50 (Trout) 96 hours: >1000 mg/l. EC50 (Daphnia) 48 hours:> 1,000 mg/l.	Butene homopolymer
	LC50 (Pimephales promelas (fathead minnow)) 96 hours: >45 mg/l. LC50 (Lepomis Macrochirus) 96 hours:> 1740 mg/l.	Kerosene
	NOEL (Pseudokirchneriella subcapitata (green algae)) 72 hours:>=3000 mg/l.	Mineral spirits
<b>Persistence and degradability</b>	Slack Waxes: inherently biodegradable	
<b>Bioaccumulative potential</b>	Partition coefficient n-octanol / water (log Kow) <b>Mineral spirits:</b> 3.16-7.15 <b>Kerosene:</b> 3.3-6.0	
<b>Mobility in soil</b>	No data available	
<b>PBT and vPvB assessment</b>	No data available	
<b>Other adverse effects</b>	No data available	

## Section 13 – Disposal Considerations

**Waste Disposal** Dispose of waste according to local, state/provincial, and federal requirements. Land disposal of this product is restricted. Do not contaminate any lakes, streams, ponds, groundwater or soil.

**Contaminated Materials** Treat as product waste.

**Container Disposal** Handling of empty containers and liners should be in a manner to minimize dust generation. Safe handling procedures as outline in the SDS should be followed at all times. Consult the appropriate official for information regarding disposal requirements.

## Section 14 – Transportation Information

<b>DOT</b>	Not Regulated as a hazardous material for transport
<b>TDG</b>	Not Regulated as a hazardous material for transport
<b>IATA</b>	Not Regulated as a hazardous material for transport
<b>IMDG</b>	Not Regulated as a hazardous material for transport

**Section 15 – Regulatory Information****U.S. FEDERAL REGULATIONS****OSHA Hazards (HCS 1994)**

Non-hazardous substance

**SARA 302 Status**

SARA 302: No chemicals in this product are subjected to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Classification**

Non-hazardous substance

**SARA 313 Chemical**

SARA 313: This product does not contain any chemical components with known CAS number that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

None

**INTERNATIONAL REGULATIONS****WHMIS Classification**

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

<b>AICS</b>	Listed
<b>ENCS</b>	Not listed
<b>DSL</b>	Listed
<b>EINECS</b>	Not listed
<b>PICCS</b>	Listed
<b>KECI</b>	Listed
<b>IECSC</b>	Listed
<b>INSQ</b>	Not listed
<b>NZIoC</b>	Listed
<b>CHINV</b>	Not listed
<b>NECI</b>	Listed

**Section 16 – Other Information****HMIS Rating:**

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	x

**NFPA Rating:**

Health	1
Flammability	1
Instability	0
Special	-

**Issue Date:**

October 11, 2019

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