

SAFETY DATA SHEET

Section 1 – Product And Company Identification

PRODUCT

PRODUCT NAME: S2S PLIDWRAP
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

Eye Contact	Remove contact lenses. Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.
Skin Contact	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.
Inhalation	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get immediate medical attention.
Ingestion	Not an expected route of exposure. If swallowed, do not induce vomiting. Get immediate medical attention.

Section 5 – Fire Fighting Measures

Fire/explosion	NFPA Class IIIB combustible liquid.
Suitable extinguishing media	Water fog, water spray, foam, dry powder, do not use a solid water stream as it may scatter and spread fire.
Unsuitable extinguishing media	No information available
Special hazards arising from the substance or mixture	Oxides of carbon, dense smoke and possible toxic fumes.
Protective actions fire-fighters	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 ³ STEL: 10 mg/m ³		
Kerosene 8008-20-6	TWA: 200 mg/m ³		
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	152°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
Acute Toxicity	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 ³		
	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		Mineral spirits (8052-41-3)
	LD50 (Oral/Rat)	>2000 mg/kg		
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	>2000 mg/kg		Based on information of the components
Skin Corrosion/Irritation	Slightly irritating to skin			
Serious Eye Damage / Eye Irritation	Slightly irritating to eyes			
Respiratory or Skin Sensitization	Guinea pig: not sensitizing			
Germ Cell Mutagenicity	No evidence of mutagenic effects			
Carcinogenicity	May cause cancer		1B	
Reproductive Toxicity	Based on available data, the classification criteria are not met.			
STOT - Single Exposure	Based on available data, not expected			
STOT - Repeated Exposure	Cause damage to organs through prolonged or repeated exposure.		Cat 1	
Aspiration Hazard	Not classified, no data available			
Ames Test	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.

Toxicity	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
Persistence and degradability	Slack Waxes: inherently biodegradable	
Bioaccumulative potential	Partition coefficient n-octanol / water (log Kow) Mineral spirits: 3.16-7.15 Kerosene: 3.3-6.0	
Mobility in soil	No data available	
PBT and vPvB assessment	No data available	
Other adverse effects	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

DOT

Not Regulated as a hazardous material for transport

TDG

Not Regulated as a hazardous material for transport

IATA

Not Regulated as a hazardous material for transport

IMDG

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).

AICS	Listed
ENCS	Not listed
DSL	Listed
EINECS	Not listed
PICCS	Listed
KECI	Listed
IECSC	Listed
INSQ	Not listed
NZIoC	Listed
CHINV	Not listed
NECI	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

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE BY SHIP-2-SHORE. IT IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT IS NOT INTENDED TO BE ALL-INCLUSIVE. USERS SHOULD CONSIDER THIS INFORMATION AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE THEIR OWN DETERMINATION OF SUITABILITY AND COMPLETENESS TO ASSURE PROPER SAFE USE AND DISPOSAL OF THESE MATERIALS.