

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	SPC-203	Supplier:	Sea To Sky New Zealand Ltd
Product Use:	Paint Remover		3/45 Hapua Street
Manufacturer:	Sea to Sky Innovations Ltd.		Remeura, Auckland
	Unit 8 – 91 Golden Drive		New Zealand
	Coquitlam, BC		Emergency Phone No.: 64 9 529 9570
	V3K 6R2 Canada		
	Emergency Phone No.: 604-468-7711		

SECTION 2: HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria HSNO, Non dangerous goods according to the Land Transport Rule: Dangerous Goods 2005

ERMA New Zealand Approval No. HSR002670

Hazardous Substance (HSNO): 6.1E, 6.4A, 6.5B

Symbol:



Warning

Signal Word:

Hazard Statement Codes

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H333	May be harmful if inhaled.
H320	Causes eye irritation
H317	May cause an allergic skin reaction

Prevention Statement Codes

P102	Keep out of reach of children
P103	Read label before use
P104	Read Safety Data Sheet before use.
P261	Avoid breathing mist
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection

Response Statement Codes

P101	If medical advice is needed, have product container or label attached
P312	Call a POISON CENTER or doctor if you feel unwell
P304+P312	If inhaled, Call a POISON CENTER or doctor if you feel unwell
P331	Do not induce vomiting.
P305+P351+P338	If in eyes: rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313	If eye irritation persists, get medical advice/attention
P302+P352	If on skin: wash with plenty of soap and water
P333+P313	If skin irritation or rash occurs, get medical advice/attention
P363	Wash contaminated clothing before re-use.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Content
Aromatic Alcohol	100-51-6	30 – 60%
Hydrogen Peroxide	7722-84-1	<10%
Solvent naphtha	64742-95-6	<10%
Balance ingredients not contributing to a hazard	Not available	30 – 60%

SECTION 4: FIRST AID MEASURES

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 15 minutes. Get immediate medical attention if irritation persists. Wash contaminated clothing and clean shoes before reuse.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes and continue while en route to hospital, raising and lowering the eyelids occasionally. Get immediate medical attention if irritation persists.

Inhalation: Remove person to fresh air. Give oxygen if breathing is difficult. Qualified personnel should give artificial respiration if breathing has stopped.

Ingestion: Do not induce vomiting. Give victim several glasses of milk or water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Medical Conditions Aggravated By Exposure: Eye, skin, respiratory disorders, lung disorders .

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media :	Dry chemical, foam, carbon dioxide, water fog (to cool)
Hazardous Combustion Products:	Carbon monoxide, Carbon dioxide and other toxic fumes .
Special Procedures:	Firefighters should wear full protective equipment and self contained breathing apparatus.
Hazchem Code:	None assigned.
Unusual Fire and Explosion Hazards:	None Known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Wear appropriate protective clothing, gloves, safety glasses, respiratory protection. Ventilate area of spill. Prevent spillage from entering natural waters. Spillage areas can be slippery therefore exercise caution around area.

For small spills: Mop up or wipe up and dispose of in approved waste containers .

For large spills: Contain spill. Working from around the edges of the spill inward, cover with an absorbent material such as bentonite, vermiculite, or commercially available inorganic/non combustible absorbent material. Mix in sufficient absorbent until it appears dry. Place residue in an approved waste container approved for transportation by appropriate authorities. Seal the container. Clean up residue with water. If local authorities permit, rinsates may be disposed of in sewers leading to a municipal or city treatment facility or an internal treatment facility.

SECTION 7: HANDLING AND STORAGE

HANDLING

Use in well ventilated areas only. If indoor or insufficient ventilation, wear an approved full face organic vapor cartridge respirator. Wear butyl rubber gloves and rubber apron. See section 8. Avoid contact with eyes, skin and breathing of vapors. Avoid contamination of the product. Do not mix with other chemicals. Avoid contact with oxidizing agents, acids , reducing agents and alkalis. Wash thoroughly after handling. Keep container closed.

STORAGE

Store in original container in a cool dry area well ventilated, out of direct sunlight. Avoid contamination of the unused product by foreign materials including tools and parts of the spraying equipment if used.

Storage Temperature: 0 – 45 °C

Shelf Life: 12 months from date of manufacture

above 45 °C may contribute to a shorter shelf life.

Note: Frozen product may separate upon thawing. Extended storage

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

ES-TWA	Hydrogen Peroxide	1 ppm, 1.4 mg/m3 (NOHSC - Australia)
ES-STEL	Hydrogen Peroxide	2 ppm, 2.8 mg/m3 (UK)
ES-Peak	None assigned	

The following materials had no exposure standards :
Aromatic alcohol CAS 100-51-6, Solvent naptha CAS 64742-95-6

Biological Limit Value: No biological limit allotted

ENGINEERING CONTROLS

Use only in well ventilated areas or with appropriate local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT (PPE)**Skin Protection**

Solvent resistant gloves made from: Butyl rubber, Nitrile.
Solvent resistant clothing made from: Tyvec, rubber or neoprene.
Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Respiratory Protection

Select an approved air purifying half face/full face organic vapor cartridge respirator based on airborne concentration of contaminants and in accordance with local regulations.

Eye/Face Protection

Splash proof safety glasses/goggles. An eye wash station should be in the area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue Liquid.
Odor:	Aromatic
pH:	6 - 8
Composite Solvent Partial Pressure (mm Hg):	<1
Vapor Density (air=1):	No Data Available.
Boiling Point:	Approximately 100 °C
Freezing Point:	Approximately 0 °C
Melting Point:	No Data Available.
Solubility in Water:	Partially Miscible.
Specific Gravity:	Approximately 1.01 [Ref Std: WATER=1]
Evaporation rate:	<1 [Ref. N-butyl acetate=1]
Coefficient of Water/Oil Distribution:	Not Determined.
Flash Point:	above 100 °C (PMCC) * see note below. The product is non flammable.
Flammable Limits – UEL:	Not available
Flammable Limits – LEL:	Not available
Autoignition temperature:	Not available
Viscosity:	9,000 – 18,000 cPs

*Note: Water vapor from test sample smothers the flame thereby preventing ignition and flash point detection.

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Elevated temperatures, freezing, contamination.
Incompatible Materials:	Strong oxidizing agents, acids, reducing agents, chromates, alkalis/bases
Hazardous Decomposition Products:	Oxygen
Hazardous Reactions:	Hazardous polymerization will not occur. Releases oxygen on contact with alkalis, metals or any sort of contamination.

SECTION 11: TOXICOLOGICAL INFORMATION

Health effects: May be harmful if inhaled, swallowed or in contact with skin. Irritating to eyes and skin.
Route (s) of Entry: Inhalation, ingestion or skin/eye contact.
Effects of Acute Exposure:

Eye Contact: May cause slight to moderate irritation. Signs/symptoms may include redness, swelling, discomfort and blurred vision. HSNO Classification: 6.4A (Causes eye irritation)
Skin Contact: May be harmful if in contact with skin. May cause mild irritation. Signs/symptoms may include localized numbness of the contacted area, may cause temporary whitening of the skin and itching/burning. Numbness is due to the impact of the alcohol mixture and its anesthetic properties. The dermal LD50 for rats is >3500 mg/kg (male) HSNO Classification: 6.1E (May be harmful in contact with skin); 6.5B (May cause an allergic skin reaction)
Inhalation: May be harmful if inhaled. High vapor/aerosol concentrations are irritating to the respiratory tract. Signs/symptoms may include coughing, headaches, hoarseness, dizziness, blurred vision, drowsiness, unconsciousness and other central nervous effects. 6.1E (May be harmful if inhaled)
Ingestion: May be harmful if swallowed. May cause lung inflammation and damage due to aspiration of material into lungs as well as gastrointestinal discomfort. Signs/symptoms may include abdominal pain, nausea, drowsiness, diarrhea and central nervous depression, respiratory problems, pulmonary edema. The dermal LD50 for rats is >2200 mg/kg (male). HSNO Classification: 6.1E (May be harmful if swallowed)

Effects of Chronic Exposure:
 Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Irritancy of Product: Refer to section 2.
Skin Sensitization: None known.
Respiratory Sensitization: None known.
Carcinogenicity: No carcinogenic effects are anticipated.
Reproductive Effects: No reproductive effects are anticipated.
Teratogenicity: No teratogenic effects are anticipated.
Embryotoxicity: No embryotoxic effects are anticipated.
Mutagenicity: No mutagenic effects are anticipated.
Name of Synergistic Products/Effects: None known.

Notice: Health studies have shown that exposure to chemicals pose potential health risks which may vary from person to person. Exposure to liquids, vapors, mists or fumes should always be minimized.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Ecotoxicity: Fish, Fathead Minnow LC50, 7 day, >870 mg/L
Persistence and degradability: Expected to be readily biodegradable.
Mobility: High mobility in soil.
Environmental Fate: This product is readily biodegradable and is not likely to bioconcentrate. If diluted with a large amount of water, the chemical released directly or indirectly into the environment is not expected to have a significant impact.
Bioaccumulative Potential: Not expected to bioaccumulate.
Other Adverse Environmental Effects: No data.

SECTION 13: DISPOSAL CONSIDERATIONS

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification, transportation and disposal methods in compliance with applicable regulations.

The information applies to the material as manufactured. Use or contamination may make the information inappropriate, inaccurate or incomplete.

SECTION 13: DISPOSAL CONSIDERATIONS cont'd

Disposal methods and containers

Avoid discharge to natural waters.

For unused and non-contaminated product, incinerate in a permitted hazardous waste incinerator/thermal destruction facility. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

General: Dispose of stripper residue and paint chips in vented plastic drums/containers . Alternately, plastic lined vented metal drums. Waste containers should not be filled completely nor tightly sealed as wet paint chips have a tendency to expand and need a breathing period of 24-36 hours. Only fill waste drums to 75% volume. Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

Non dangerous goods according to the Land Transport Rule: Dangerous Goods 2005

	ADR (Road)	RID (Rail)	IMDG (Sea)	IATA (Airplane)
UN No.	Not applicable	Not applicable	Not applicable	Not applicable
Class	Not applicable	Not applicable	Not applicable	Not applicable
Packaging Group	Not applicable	Not applicable	Not applicable	Not applicable
Proper Shipping Name	Not applicable	Not applicable	Not applicable	Not applicable

SECTION 15: REGULATORY INFORMATION

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Hazardous Substance (HSNO): 6.1E, 6.4A, 6.5B

Symbol



New Zealand Inventory of Chemicals: All substances listed

SECTION 16: OTHER INFORMATION

MSDS Effective Date: Nov 21, 2008
Revision Changes: Revised format
Prepared By: Technical Department

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