



SAFETY DATA SHEET

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SHIP 2 SHORE

CORROSION PREVENTIVE COATINGS

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Ship 2 Shore PLID			
Product use : Corrosion Inhibitor / Penetrant / Lubricant – for Non-ferrous or Ferrous as well as dissimilar metals / wherever there is excessive moisture			
Manufacturers Name: Ship 2 Shore			
Street Address: 109-7337 North Fraser Way			
City: Burnaby	Province: BC	Postal Code: V5J 0G7	Emergency Telephone: 1-800-430-1533

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Component	% by weight	CAS Number
Base Stock	70-80	72623-85-9
		72623.83.7
Hydrocarbon Solvent	5-20	8008-20-6
		8052-41-3
Proprietary Additive Mixture		

SECTION 3 — HAZARDS IDENTIFICATION

NON-TOXIC AND NON-HAZARDOUS

Precautionary Statements - Prevention

Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. May cause skin dryness and minor skin irritation to those with sensitive skin. Wear safety goggles. Excessive exposure to airborne mist may cause discomfort to eyes, nose and throat. Avoid spraying towards anyone. Do not ingest.

Precautionary Statements - Response

If eyes, nose or throat irritation occur, remove person from environment to a fresh air supply. If skin irritation develops, wash area thoroughly and contact a physician. If ingested, DO NOT induce vomiting. See a physician immediately.

Precautionary Statements - Storage

Keep in closed containers away from extreme temperatures and flames.

Precautionary Statements - Disposal

Dispose according to applicable regulations.



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SECTION 4 — FIRST AID MEASURES

SKIN CONTACT: Remove excess by wiping then wash with plenty of soap and water. Remove contaminated clothing and launder before reuse.

EYE CONTACT: Flush eyes with copious amount of water (15 minutes). Check for and remove contact lenses.

INHALATION: Remove from exposure area to fresh air. Apply CPR if required. If resuscitation is needed, seek medical attention.

INGESTION: Do NOT induce vomiting. If vomiting occurs, take care to prevent aspiration. Call poison control centre.

SECTION 5 — FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances. Carbon Dioxide, Dry Chemical, Foam.

UNSUITABLE EXTINGUISHING MEDIA: CAUTION: Use of water spray may be inefficient in extinguishing fire.

COMBUSTION PRODUCTS: Oxides of carbon, dense smoke and possibly toxic fumes.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Appropriate fire fighting PPE and self-contained breathing apparatus (SCBA) with full face-piece operating in positive pressure mode.



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SECTION 6 — ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protection recommended in Section 8. Avoid contact with eyes. Use caution as spills may be slippery.

ENVIRONMENTAL PRECAUTIONS: Refer to protective measures recommended in Sections 7 and 8.

METHOD FOR CONTAINMENT AND CLEAN-UP: Ventilate area with fresh air. Prevent further spillage if safe to do so. Soak up with absorbent material and scoop into properly labeled containers for disposal according to applicable regulations.

SECTION 7 — HANDLING AND STORAGE

HANDLING PROCEDURES: Wear appropriate personal protective equipment (see Section 8). Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes and clothing.

STORAGE PROCEDURE: Store in a cool, dry area away from heat, sparks and open flames. Containers should be tightly closed while not in use. Store away from acids and oxidizing materials.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS: Contains no substances with occupational exposure limit values.

ENGINEERING MEASURES: Use with adequate ventilation, especially in confined areas. Ensure an eyewash station is nearby.

RESPIRATORY PROTECTION: None required under normal use conditions. In case of insufficient ventilation, use suitable respiratory equipment.

EYE PROTECTION: Wear safety goggles.

SKIN AND BODY PROTECTION: Wear protective gloves and protective clothing.

PROTECTIVE MEASURES: Wash contaminated clothing before re-use.

HYGIENE MEASURES: Do not eat, drink or smoke while handling. Wash hands after handling. Remove and wash contaminated clothing before re-use.



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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State :	Liquid
Colour :	Red
Odour :	Fresh scent
Specific Gravity (water=1) :	0.980
pH :	no data
Viscosity @40°C, cSt :	no data
Flash Point (COC):	>216°C
Pour Point:	no data
Vapor Pressure@ ambient temp:	8mmHg@25°C
Boiling Point:	>250°C
Evaporation Rate (Butyl Acetate=1):	<1
Water Solubility:	insoluble
Partition coefficient (n-octanol/water):	no data
VOC Content (%):	0.1
Volatile by volume (%):	no data
Vapour density (Air=1):	>1
Non-volatile by weight (%):	>98
Dielectric strength:	40.64kV
Sulfurous acid spray:	>90 hours
Salt spray:	no data

SECTION 10 — STABILITY AND REACTIVITY

REACTIVITY : No reactivity is expected under normal conditions of intended use.

CHEMICAL STABILITY : Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS : Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Extreme temperatures and open flames.

INCOMPATIBLE MATERIALS : Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS : Hazardous decomposition is not expected to form under normal storage conditions.



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SECTION 11 — TOXICOLOGICAL INFORMATION

Skin Contact – Essentially non-irritating, LD50 absorption for skin is 2000 mg/kg. Prolonged or repeated contact with skin has been a cause of defatting or dermatitis in normal day to day handling of material.

Eye Contact – Essentially non-irritating, however, vapors and/or mists can cause mild to moderate irritation. Inhalation – Non-toxic LC50 = 5000ppm (rat inhalation). Can cause irritation to nose, throat and upper respiratory tract during prolonged exposure. Exercise caution if vapors are hot. If over exposure occurs – may cause dizziness, headaches or nausea. *Based on toxicity of components.

Ingestion – Virtually Non-toxic LD 50 1400mg/kg (rat oral). Maybe harmful or fatal if swallowed. Can cause severe irritation of the mouth, throat and esophagus. Can cause nausea, vomiting or gastrointestinal upset. May cause diarrhea. Based on toxicity of Petroleum Distillate only.

Carcinogenicity – Non-carcinogenic as listed by: ACGIH, IARC MONOGRAPHS, or OSHA (based on toxicity reports of component parts)

SECTION 12 — ECOLOGICAL INFORMATION

Fish Bioassay Results:

Not toxic to fish. All fish in the 100 mg/L concentration appeared and behaved normally during the test. The fish in the 500 mg/L concentration only showed rapid gill movement. Fish in the 600 to 1200 mg/L concentrations showed signs of stress, ie. moribund or loss of equilibrium.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: All disposal activities must comply with applicable laws and regulations. Empty containers may contain residue; do not weld, cut or grind. Empty containers can be cleaned with water and a high Ph soap (7-9). Recycle clean containers according to local regulations.

SECTION 14 — TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION

TDG : Not Regulated as dangerous good	DOT : Not Regulated as dangerous good
IATA-DGR : Not Regulated as dangerous good	IMDG-CODE : Not Regulated as dangerous good



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SECTION 15 — REGULATORY INFORMATION

TSCA: All chemical substance in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory.

DSL: On the inventory, or in compliance with the inventory.

IECSC: On the inventory, or in compliance with the inventory.

SECTION 16 — OTHER INFORMATION

	NAPA
HEALTH	1
FIRE	1
REACTIVITY	0
SPECIFIC	None

Ratings range from 0 (No Hazard) to 4 (Severe Hazard)

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and Ship 2 Shore makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and Ship 2 Shore shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with Ship 2 Shore's interpretation of the available data.

PREPARED BY: OPERATIONS

SUPERSEDES: NONE

REVISION DATE: October 2018