



*Millennium Signatures*  
MARKING SYSTEMS

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**Emergency Numbers**

**Canutec: (613) 996-6666**  
**Poison ControlCentre:**

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## **MATERIAL SAFETY DATA SHEET**

### **Section I**

**Chemical Name:** RPO- Rust Protective Oil

**Formula:** Stoddard solvent (CAS 8052413) range in %: 50-64.99

Solvent dewaxed heavy paraffinic petroleum distillates (CAS # 64742650) Range in % 35.00-49.99

### **Section II      Hazardous Ingredients/ Identity Information**

This product is classified as a hazardous due to it having a flash-point below 200 degrees F, closed cupor subject to spontaneous heating

### **Section III      Physical/ Chemical Characteristics**

**Boiling Point:** not determined (F) **Specific Gravity:** (H 0=1): 0.8323

**Vapour Pressure (mm Hg) @ 25 Degrees (C) [ 77 Degrees (F)]:** 23.7

**Melting Point:** N/A

**Vapour Density (AIR – 1):** N/A      **Evaporation Rate:** N/A

**Solubility in Water:** Complete (100%)      (Butyl Acetate – 1)

**Appearance:** Clear yellow liquid

### **Section IV      Fire and Explosion Hazard Data**

**Flash Point:** N/A

**Flammable Limits:** N/A

**ph:** Of undiluted product N.A.

**Extinguishing Media:** N/A

**Spec. Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazards:** N/A

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### **Section V            Reactivity Data**

**Stability:** Stable

**Conditions to Avoid:** N.A.

**Incompatibility (Materials to Avoid):** Reacts violently with strong oxidizers

**Hazard Polymerization:** Will not occur

**Hazardous Decomposition or By-Products:** Products evolved when subjected to heat or combustion: Carbon monoxide, carbon dioxide, and aldehydes and ketones may be formed

**Conditions to Avoid:** N/A

### **Section VI            Health Hazard Data**

**Exposure Limit:** 100ppm TWA ACGIH (CAS #8052413)

**Exposure Limit :** 5mg/m<sup>3</sup> ACGIH (MIST), 5mg/m<sup>3</sup> OSHA (MIST), 10mgg/m<sup>3</sup> STEL (MIST)

**Route(s) of Entry:**

**Inhalation:** N/A

**Skin:** Y

**Ingestion:** Y

**Health Hazards (Acute & Chronic):**

**Chronic:** No critical materials present

**Skin:** Unknown

**Respiratory:** Unknown

Median Lethal Dose (LD LC) (Species)  
50 50

**Ingestion:** Low viscosity petroleum mixture can cause lung injury if ingested and aspirated

**Carcinogenicity:** NTP: No    IARC Monographs: No    OSHA Regulated: No

**Signs and Symptoms of exposure:** Unknown

Medical conditions generally aggravated by exposure: None Known

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### **Emergency and First Aid Procedures:**

**Ingestion:** DO NOT induce vomiting. Aspiration of the fluid can cause serious lung injury; i.e. Chemical pneumonitis. Call a doctor immediately.

**Inhalation:** Should symptoms noted under physiological effects occur, remove to fresh air. If not breathing, apply artificial respiration.

**Skin and Eyes:** Flush thoroughly with water for fifteen minutes; Call a physician.

### **Section VII Precautions for Safe Handling and Use**

#### **Steps to be taken in case material is released or spilled:**

**Small Spills:** Flush with to sewer

**Large Spills:** Use suitable absorbent and dispose of in dot approved waste containers

**Waste Disposal:** To be performed in compliance with all current local, provincial and federal regulations

**Precautions to be taken in handling and storing:** Keep containers tightly closed, and keep from freezing (32 degrees [F]). Wash hands thoroughly after handling

**Other precautions:** None

### **Section VIII Control Measures**

**Respiratory Protections (specify type):** N/A

**Ventilation:** Local exhaust is sufficient

**Protective gloves:** Optional- for sensitive skin

**Eye protection:** For extra protection, wear safety goggles

**Other protective clothing or equipment:** Optional- Apron

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### **Section IX ENVIROMENTAL PROTECTION**

**Waste disposal method:** Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes etc. may render the resulting material hazardous (see remarks for waste classifications)

**Procedures in cases of breakage or leakage:** Ventilate area, avoid breathing vapour. Use self-contained breathing apparatus or supplied air mask for large spills in confined area. Contain spill, if possible. Wipe up or absorb on suitable material and shovel up.

**Remarks:** Waste classification-product has been evaluated for RCRA characteristics and does not meet criteria of a hazardous waste if discharged in its purchased form.

**Requirements for transportation, handling or storage:** Store away from heat and open flame. Placard required only when material is contained in packaging or container that exceeds 110 gallons, or in tank car or truck. Transport, handle and store in accordance with OSHA regulation 1910.106 and appropriate dot regulations.

**DOT proper shipping name:** Combustible liquid, N.O.S.

**DOT hazardous class:** Combustible liquid NA-1993

Hazardous according to OSHA (1910.1200) or one or more to know lists

**HMIS**

**Health:** 0

**Flammability:** 2

**Reactivity:** 0

**Special:** ---

**Caution!!!** Misuse of any empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers may cause fire, explosion, or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

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