

**SHEATH® RB-O Odorless Rust Preventive Oil**  
Operating Instructions

**PRODUCT DESCRIPTION**

SHEATH® RB-O oil is a high grade, water displacing corrosion inhibitor for all metal surfaces. The product can be applied to wet or dry parts and forms a thin, transparent oil film that penetrates recessed areas and lifts moisture from metal surfaces. SHEATH® RB-O oil leaves a continuous film that will not gum under high humidity conditions. Harmless to plastics and paints. Contains no silicone or wax.

Lubricates and protects tools, machine components, dies, fixtures, automotive and marine equipment. Non-conductive film de-waters and lubricates electrical equipment, contacts, switches and motors without interfering with their proper operation. Enhances color and maximizes corrosion resistance when used as a topcoat for black oxide or phosphate finishes.

**APPLICATION**

Apply at Room Temperature to wet or dry parts, by dipping, brushing, or conventional low pressure spray equipment. Allow 1-2 minute contact time to penetrate fully and displace water; then let parts drain. Wipe off excess oil, if desirable.

**PHYSICAL PROPERTIES**

Appearance	Pale amber liquid, mild odor.
Film Thickness	0.03 mil – oily film.
Flash Point, T.C.C.	126° F
Approximate coverage	1600 Sq. Ft. per Gallon
Salt Spray Resistance (ASTM B-117)	96 hours average
Humidity Resistance (ASTM D-1748)	500 hours minimum
Water Displacement Test (MIL-C-16173E, Grade 3)	Pass
Stain Test (MIL-C-2235A)	Pass
Corrosion Resistance (MIL-C-23411, MIL-C-81309)	Pass

## **REMOVAL**

Mineral spirits or other organic solvents; heated alkaline detergent cleaners.

## **PACKAGING**

5 gallon pails and 55 gallon non-returnable drums. Keep container closed during storage to prevent solvent loss.

***Before Using This Product – Please Read, Understand and Follow all the Precautions shown on the Product Label and on the Safety Data Sheet.***

The Safety Data Sheet can be found on our website: [www.birchwoodtechnologies.com](http://www.birchwoodtechnologies.com)

**Use Appropriate Warning Labels on any Container used to Store or Apply this Product.**

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date below. However, Birchwood Laboratories LLC makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Birchwood Laboratories LLC will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

SHEATH® RB-O Odorless Rust Preventive Oil

(Product Number: 820258)

© Birchwood Laboratories LLC

07/2015