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**SHEATH® Low VOC Rust Preventive Oil**  
Operating Instructions

**DESCRIPTION**

SHEATH® Low VOC Rust Preventive is a high-grade, water displacing corrosion inhibitor for all metal surfaces. It can be applied to wet or dry parts and forms a thin, transparent, slightly oily film that penetrates recessed areas. Excellent for lubricating, protecting tools, machine components & firearms. Safe to use in areas with VOC restrictions. High flash point keeps flammability hazard to a minimum. Contains no silicone or wax. Harmless to plastics, synthetic rubbers and paints. Complies with California Rule 1144, as promulgated by the South Coast Air Quality Management District.

**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 and displace water, then allow parts to drain for 30-60 minutes.

**PHYSICAL PROPERTIES**

Appearance	Pale, amber liquid with mild odor
Film Thickness	0.1-.2 mil – transparent film
Flash Point	248° F T.C.C.
Coverage per Gallon	1500 square feet per gallon
VOC Content	0.2 pounds per gallon maximum

**PROTECTIVE PROPERTIES**

Salt Spray test (ASTM-B117)	96 hours minimum
Humidity test (ASTM-D-1748)	800 hours minimum
Water Displacement (MIL-C-16173E, Grade 3)	Pass
Stain Test (MIL-C-2235A)	Pass
Corrosion Resistance (MIL-C-23411, MIL-C-81309)	Pass
Lubrication/Corrosion Resistance (MIL-L-46000)	Pass

## **REMOVAL**

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

## **PACKAGING**

1, 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® Low VOC Rust Preventive Oil (Product Numbers 820650, 820651, 820658)  
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