**EcoLine® 3680**  
Biobased Open Atmosphere Corrosion Inhibitor

**PRODUCT DESCRIPTION**
EcoLine 3680 is a temporary coating formulated with USDA (United States Department of Agriculture) certified biobased, renewable, and biodegradable raw materials; which allows use for corrosion protection of equipment where incidental contact with food is possible. EcoLine 3680 leaves a tenacious, dry-to-touch protective coating, wax-like film that can be removed with alkaline cleaners such as Cortec® VpCI-414.

**FEATURES**
- Formulated with biobased, renewable, and sustainable raw materials
- Excellent indoor and outdoor protection
- Multimetal protection
- USDA certified biobased product
- Biodegradable
- Contains 72% biobased content

**TYPICAL APPLICATIONS**
- Pipe coating
- Parts storage
- Wire rope
- Steel plate
- Machined parts

**TYPICAL PROPERTIES**
- **Appearance**: Off white viscous liquid
- **Coverage**: 300-330 ft²/gal @ 3 mils (7-8 m²/l @ 75 microns)
- **Dry Film Time**: 12-24 hours
- **Film Type**: Wax-like
- **Removal Method**: Alkaline cleaner
- **Carrier**: Mineral spirits
- **VOC**: 2.9-3.1 lb/gal (347-372 g/l)
- **Density**: 7.3-7.8 lb/gal (0.87-0.94 kg/l)
- **Salt Spray**: 5-6 mils (125-150 microns), DFT
- **ASTM B-117**: Carbon Steel 1010, 300+ hrs
- **Humidity**: 2-3 mils (50-75 microns), DFT
- **ASTM D-1748**: Carbon Steel 1010, 1000+ hrs.

Note: Coating dry time is affected by temperature, air-flow, and humidity.

**METALS PROTECTED**
- Carbon Steel
- Stainless Steel
- Copper
- Aluminum
- Cast Iron
**APPLICATION**
EcoLine 3680 may be applied by brushing or spraying. A film thickness of at least 5-6 mils (125-150 microns) is recommended for outdoor use and 2-3 mils (50-70 microns) for indoor use.

**Surface Preparation:**
- NACE 3 or 4
- SSPC 6 or 7
- ARS High B-2

**Product Cleanup:**
- Use mineral spirits for cleanup of equipment.
- Alkaline cleaners such as VpCI-414 can be used for clean up of overspray. Cleaners should be heated to 100-200°F (30-48°C) if possible.

**RECOMMENDED SPRAY EQUIPMENT**
- Model 510 Airless/AA Plus
- Pump 30:1 President
- Tip 0.011-0.015 in (0.028-0.038 cm)
- Cap Standard
- Filter 60 Mesh High Pressure
- Air Pressure 80 psi
- Fluid Hose 3/8” x 10’ with ¼” whip hose for ease of handling
- Fluid Pressure 2000/1700 psi (138/117 bar)

The minimum fluid atomization pressure required is 1500 psi (103 bar), which gives 2-4 mils (50-100 microns) WFT/pass.

**FOR INDUSTRIAL USE ONLY**
**KEEP OUT OF REACH OF CHILDREN**
**KEEP CONTAINER TIGHTLY CLOSED**
**NOT FOR INTERNAL CONSUMPTION**
CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

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Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet http://www.cortecvci.com

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