



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 ft ² /gal @ 3 mils (7-8 m ² /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	SSPC	ARS
3 or 4	6 or 7	High B-2

Product Cleanup:

- Use mineral spirits for cleanup of equipment.
- Alkaline cleaners such as VpCl-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 1/4" whip hose for ease of handling
Fluid Pressure (Supply/Gun)	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

PACKAGING AND STORAGE

EcoLine 3680 is available in 5 gallon (19 liter) steel pails, 55 gallon (208 liter) metal drums, totes, and bulk. Shelf Life is 24 months @ 75°F (24°C).

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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@corotecvci.com
Internet <http://www.corotecvci.com>

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