How to Eliminate Rust and Hazardous Rust Preventatives at the Same Time!

As industries become more eco-conscious, they will be looking for alternatives to materials like petroleum-based rust preventatives (RPs), which must be disposed as hazardous waste. While Cortec’s water-based, biobased dry film RPs offer powerful environmentally responsible and user-friendly alternatives, there are times when compatibility, specifications, or simply preferences will demand the use of an oily RP. In this case, Cortec’s EcoLine® 3690 is an excellent way to simultaneously eliminate rust and hazardous petroleum-based RPs by using a canola-oil-based formulation.

EcoLine® 3690 is a ready to use temporary coating for rust prevention in harsh indoor or sheltered outdoor conditions. When applied to the surface at 1-3 mils (25-75 µm), EcoLine® 3690 leaves an oily film that displaces moisture and inhibits corrosion.
There are a variety of practical, environmental, and safety benefits to using EcoLine® 3690:

- You will protect metals against rust.
- You will use a product based primarily on renewable material rather than fossil fuels.
- If you are a federal agency, you will be able to meet mandatory federal purchasing requirements for buying a corrosion preventative with a minimum 53% biobased content (for more information about the BioPreferred® Program, go to [https://www.biopreferred.gov](https://www.biopreferred.gov)).
- You will be able to avoid hazardous waste disposal costs of traditional RPs.
- You will be limiting worker exposure to mineral-oil or solvent-based RPs.

EcoLine® 3690 contains 72% USDA certified biobased content. It is temperature stable up to 180 °F (82 °C). EcoLine® 3690 can be applied over painted surfaces if needed. It provides protection for the following metals:

- Carbon Steel
- Silver
- Cast Iron
- Stainless Steel
- Copper
- Magnesium
- Aluminum

Recently, a tubing manufacturer ran a trial of EcoLine® 3690 to protect tube ends. The approximately 30-foot tubes are painted and bundled together during the manufacturing process, but the ends remain unpainted, allowing them to flash rust. This presents a bad appearance to customers. After testing EcoLine® 3690 on pipe segments and storing them outdoors for a
number of months, the manufacturer was impressed by the protection results and adopted EcoLine® 3690 to spray on tube ends to provide better aesthetics for customers.

View the product data sheet for EcoLine® 3690 here:
https://www.cortecvci.com/Publications/PDS/EcoLine_3690(NEW).pdf

Learn more about Cortec® Coatings at:
https://www.corteccoatings.com

Need a High-Resolution Photo? Visit: www.cortecadvertising.com

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

Cortec Website: http://www.cortecvci.com Phone: 1-800-426-7832 FAX: (651) 429-1122