EcoCorr™ Water Based Rust Preventative powered by Nano VpCI®

PRODUCT DESCRIPTION

EcoCorr™ Water-Based Rust Preventative is a complete replacement for oil-based preventatives for indoor protection of equipment and components. EcoCorr™ Water-Based Rust Preventative is non-hazardous and ready-to-use.

EcoCorr™ Water-Based Rust Preventative is applied to metal surfaces by dipping or spraying. It does not typically need to be removed, but if necessary, can be removed with conventional alkaline cleaners, such as Cortec’s VpCI®-410 Series.

FEATURES

- Eliminates costs associated with oil-residue removal and disposal
- Excellent wetting properties
- Dry film stable up to 284°F (140°C)
- Can be coated over with conventional paint systems*
- Can be welded in most of cases
- Non-flammable, economical to transport and warehouse
- Shows >800 hours protection in ASTM D-1748 testing

*Contact Cortec® for topcoating applications.

TYPICAL APPLICATIONS

Thin film coating for indoor storage of:

- Castings, tubular parts, finished parts, gears
- Pumps and housings
- Structural steel, sintered metals
- Bars and roll stock

Spraying or dipping on metal surfaces will provide sheltered or indoor protection for up to 2 years.

METALS PROTECTED

- Carbon steel
- Cast iron
- Stainless steel
- Galvanized steel
- Aluminum
- Copper

APPLICATION

Product Preparation:

Apply via dip, brush, or spray with a variety of equipment (conventional, pump spray, etc.)
TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light yellow, hazy liquid</td>
</tr>
<tr>
<td>Film Type</td>
<td>Dry, clear</td>
</tr>
<tr>
<td>pH</td>
<td>8.3-8.6 (Neat)</td>
</tr>
<tr>
<td>Density</td>
<td>8.3-8.6 lb/gal (0.99-1.03g/cm³)</td>
</tr>
<tr>
<td>Dry Film Thickness</td>
<td>&lt;2.5 micron (0.1 mil)</td>
</tr>
</tbody>
</table>

STANDARD TEST METHODS

<table>
<thead>
<tr>
<th>Standard Tests</th>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM D-1748</td>
<td>Standard Humidity Cabinet Testing Protocol</td>
<td>&gt;800 hr</td>
</tr>
<tr>
<td>ASTM D-4627</td>
<td>Cast Iron Chip Test</td>
<td>Pass</td>
</tr>
<tr>
<td>ASTM G-31</td>
<td>Immersion Corrosion Testing</td>
<td>Pass</td>
</tr>
<tr>
<td>NACE RP0487-2000</td>
<td>Selection of Rust Preventives</td>
<td>Compliant</td>
</tr>
<tr>
<td>ASTM D 3359</td>
<td>Measuring Adhesion by Tape Test</td>
<td>Pass</td>
</tr>
</tbody>
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STORAGE AND PACKAGING

EcoCorr™ Water-Based Rust Preventative is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. The product should be stored in sealed containers in temperatures above freezing (heated warehouses).

Shelf life is 24 months.

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

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed. Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation’s obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer. Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE.

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
http://www.cortecvci.com

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