GuardCoat™ RP

GuardCoat™ RP is a low-foaming corrosion inhibitor with anti-staining properties. A completely water-soluble concentrate used at various strengths to meet individual needs. GuardCoat™ RP offers excellent protection to a variety of substrates such as steel, nickel, aluminum, copper and copper alloys. It provides 96 hours corrosion protection of steel and 120 hours with a 10% solution (Humidity Test per ASTM D2247). GuardCoat™ RP is also useful in burnishing operations due to its exceptional lubricity and corrosion inhibiting properties.

Product Advantages

- Completely water-soluble remaining stable in hard water.
- Tack free film
- Low foaming
- Multifunctional
- Exceptional lubricity
- Provides protection against acid fumes
- Protects for 96 hours to red rust
- Protects for 120 hours at 10% GuardCoat™ RP

Operating Procedure

Concentration:	.5 to 10 % by volume
Temperature:	40 – 180°F
Agitation:	Preferred

Note: Concentration is directly related to corrosion protection.

Maintenance

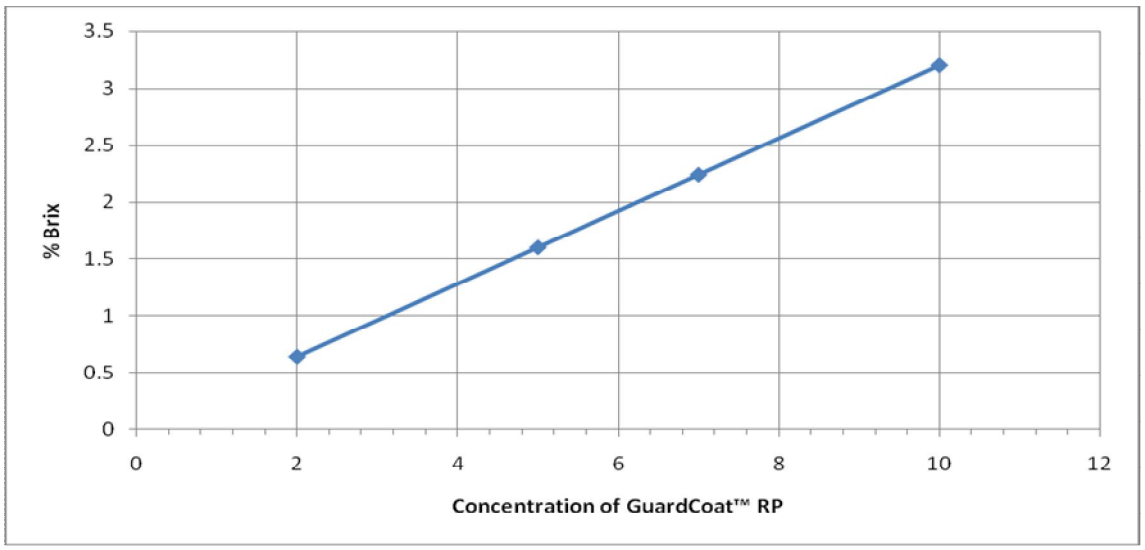
GuardCoat™ RP is mainly consumed through drag-out. Small additions should be made under heavy usage.

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This analytical procedure applies to the determination of GuardCoat™ RP concentration using a refractometer. This instrument works well between the temperature range of 65°F (18°C) and 95°F (35°C); and has 0 – 10° Brix range. DO NOT EXPOSE THE INSTRUMENT TO TEMPERATURE ABOVE 150°F.

1. Hold the instrument in a horizontal position.
2. Lift the cover plate to expose the prism, and place 2 - 3 drops of GuardCoat™ RP sample on the face of the prism.
3. Close the cover plate over the prism immediately after placing the GuardCoat™ RP solution on the prism's face. Make sure that the sample spreads across the entire surface of the prism without any air bubbles or dry spots.
4. Hold the cover plate in contact with the prism, point the instrument towards a light source, look through the eye-piece, and take the reading at the point where the dividing line between light and dark crosses the scale.
5. To determine the percent by volume of GuardCoat™ RP use the following factor:
   Concentration of GuardCoat™ RP (%) = °Brix x 3.125
6. Use a soft cloth, or soft tissue paper, moistened with water for wiping the prism and cover plate.



The data and statements contained in this bulletin are based on testing information and are believed to be accurate and reliable. This bulletin is not a Guarantee or Warranty, express or implied regarding the products use. The product is sold on the condition that the purchaser will do their own tests to determine the suitability of the product in a particular application.

READ THE SDS BEFORE USING THIS PRODUCT

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