

# BONDERITE L-GP 505

## SYNTHETIC CORROSION INHIBITOR

(KNOWN AS P3 PREVOX 505 (US))

Issued 9/9/2013

PRODUCT SUMMARY AT A GLANCE	
<b>Product type</b>	Synthetic
<b>Metal type</b>	Steel, Cast Iron
<b>Application</b>	Corrosion Inhibitor

**Product Technology:** BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) is a synthetic corrosion inhibitor designed for short-term corrosion protection on ferrous alloys. Its unique composition provides a durable, low foaming product for today's moderate duty corrosion protecting needs.

**Typical Properties:**

Property	Concentrate	Dilution
Appearance	Light Amber Liquid	Pale Transparent
pH	10.7	9.9 @ 3%
Refractometer Multiplier	1.92	
Film Type	Non-tacky, clear fluid	

**Operating Summary:** BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) is generally used between 3 to 20% in water for most operations. BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) provides short-term indoor protection. Results are typical with normal production practices and do not constitute a specification. Consult your Henkel representative for more specific recommendations on your particular operation and conditions.

**Application Technologies:** Dip, airless spray, and other techniques are suitable for application to the metal surface. Consult your Henkel representative for more specific recommendations on your particular operation and conditions.

**Product Removal:** BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) can be removed by most alkaline and neutral cleaning systems. Consult your Henkel sales representative for more specific cleaning product recommendations.

**Product Control Test Method:**

**Titration Procedure:** Pipette a 50 mls sample of the BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) bath into a beaker. Add 4 to 6 drops of Indicator Solution 4 (methyl orange). Fill the automatic burette to the zero mark with Titrating Solution 60 (1.0N Hydrochloric Acid). While stirring the sample, slowly add Titrating Solution 60 until the yellow



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orange color turns pink. Record the number of milliliters used. To determine the concentration, multiply the reading by 0.52 or obtain from the table below.

% BONDERITE L-GP 505 (known as P3 PREVOX 505 (US))	mls of HCL
3	5.76
7	13.5
15	29
20	38.5

**Storage requirements:** BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) should be protected from freezing. Store BONDERITE L-GP 505 (known as P3 PREVOX 505 (US)) above 40°F and below 100°F for best results.

**Waste Disposal:** Please follow all applicable Federal, State and local regulations regarding proper disposal of this product.

For more information about Henkel products and services, please contact your local Henkel representative or call the phone number below.

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