

Corrosion Inhibiting Aerospace Sealants



PR-2870 Chrome-Free is the way to be



Here at PPG, our innovative technology helps protect your aircraft against the threat of corrosion while protecting our environment with smart, safer alternatives to traditional additives.

The war on corrosion is globally a multi-billion dollar annual expense for the aerospace industry. With over 50 years of experience, our Aerospace business has been the leader in corrosion protection, providing proven industry standards such as P/S 870 and PR-1436G. We now introduce PR-2870, the future of corrosion protection.

PR-2870 replaces chrome-based corrosion inhibitors with a proprietary blend of environmentally friendly and REACH compliant components, while maintaining superior corrosion protection.

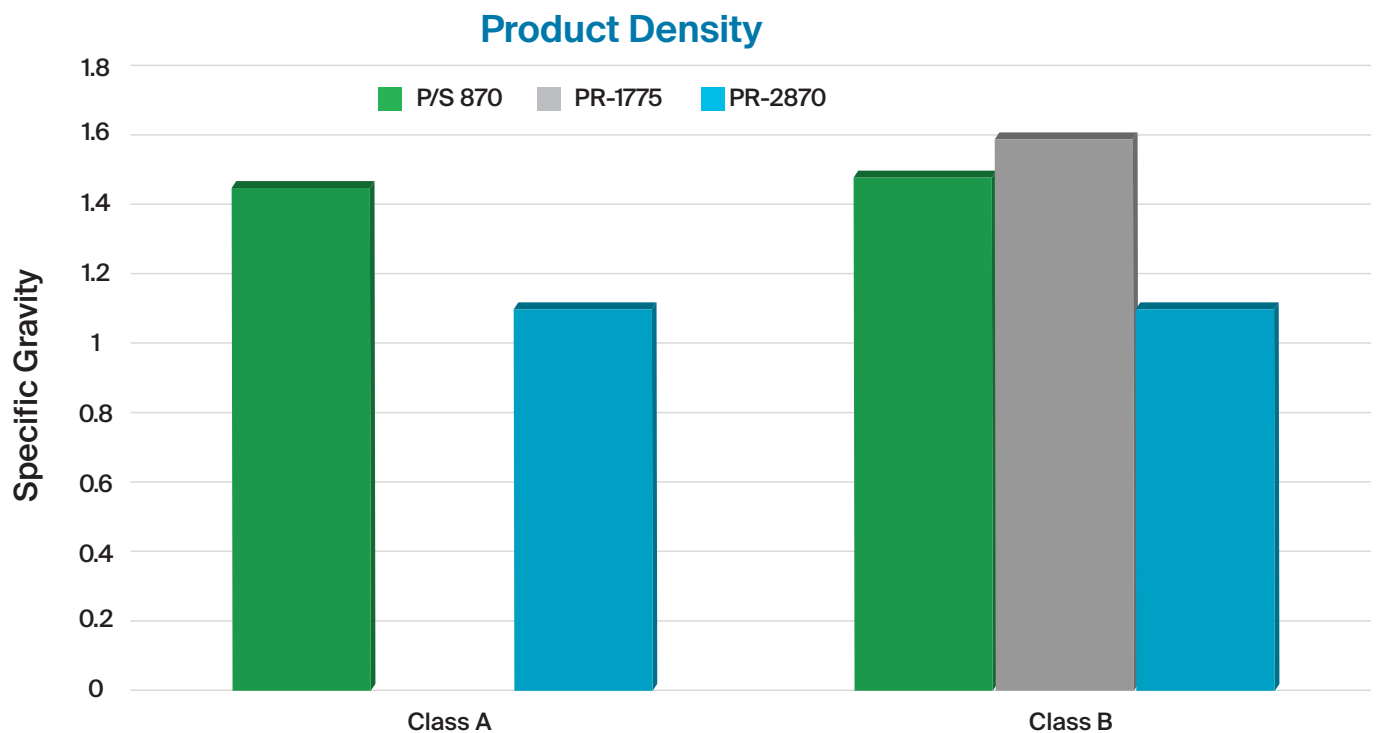
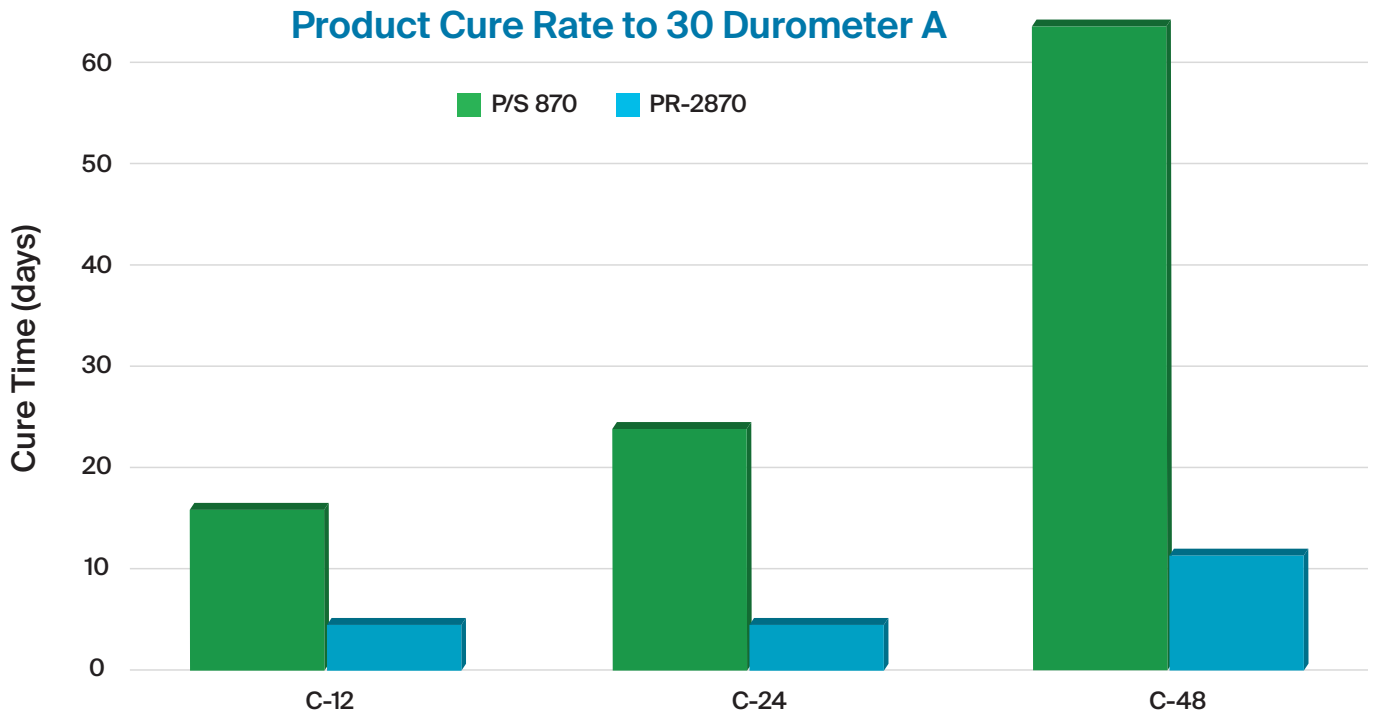


- Chrome-free corrosion inhibition
- Lightweight technology for Class A and B
- 30% faster cure
- High strength

Qualified to MIL-PRF-81733 in the following grades:

- A-1/2
- B-1/2
- C-12
- C-48
- A-2
- B-2
- C-24

Our sealants have been at work longer and on more aerospace applications than anyone else in the world



Class A Corrosion Inhibitive Sealants: Brush Grade

Product	Features	Specific Gravity	Cure Rate (to 30 Shore A)
P/S 870	Manganese dioxide-cured polysulfide, chromated	1.45	A-½: 36 hours A-2: 64 hours
PR-2870	Epoxy-cured Permapol® P-3.1 polythioether, non-chrome	1.10	A-½: 10 hours A-2: 18 hours

Class B Corrosion Inhibitive Sealants: Extrusion Grade

Product	Features	Specific Gravity	Cure Rate (to 30 Shore A)
P/S 870	Manganese dioxide-cured polysulfide, chromated	1.48	B-½: 9 hours B-2: 20 hours B-4: 72 hours
PR-1775	Manganese dioxide-cured Permapol® P-5 polysulfide, non-chromate	1.59	B-½: 20 hours B-2: 48 hours
PR-2870	Epoxy-cured Permapol® P-3.1 polythioether, non-chrome	1.10	B-½: 6 hours B-2: 12 hours

Class C Corrosion Inhibitive Sealants: Roller Grade

Product	Features	Specific Gravity	Cure Rate (to 30 Shore A)
P/S 870	Manganese dioxide-cured polysulfide, chromated	1.50	C-12: 14 days C-24: 21 days C-48: 56 days
PR-2870	Epoxy-cured Permapol® P-3.1 polythioether, non-chrome	1.48	C-12: 4 days C-24: 4 days C-48: 10 days

Specialty Corrosion Inhibitive Sealants

Product	Features	Specific Gravity	Cure Rate (to 30 Shore A)
PR-1432 GP	Elastomeric Coating; dichromate-cured polysulfide	1.45	72 hours
PR-1436 G SP	Sprayable; dichromate-cured polysulfide	1.45	30 hours
CA1000	One-part epoxy-capped polysulfide jointing compound; non-curing, non-chromated	1.34	Not Applicable
CA1010	One-part polyester jointing compound; non-curing, non-chromated	1.37	Not Applicable
PR-1764	Nickel-filled manganese dioxide-cured Permapol® P-3 polythioether; electrically conductive, chromated	2.15	B-2: 48 hours
PR-1773	Manganese-cured polysulfide; low adhesion, non-chromated	1.65	*Cure to 20 A B-½: 6 hours B-2: 16 hours
PR-2200	Nickel-filled epoxy-cured Permapol® P-3.1 polythioether; electrically conductive, rapid cure, chromated	1.98	B-½: 3 hours B-1: 6 hours
PR-2201	Nickel-filled epoxy-cured Permapol® P-3.1 polythioether; electrically conductive, rapid cure, non-chromated	2.00	B-1: 5 hours
PR-2225	Nickel-filled condensation-cured silicone; electrically conductive, chromated	2.20	B-1: 24 hours



For the PPG Application Support Center nearest you, please visit our website at www.ppgaerospace.com

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

PRC-DeSoto International, Inc.
12780 San Fernando Road
Sylmar, CA 91342
USA
Telephone (818) 362-6711
Toll Free (800) AEROMIX
Fax (818) 627-3770

www.ppgaerospace.com

Issued: 6/16
Supersedes: NEW
Permapol®, PRC® and Pro-Seal™ are trademarks of PRC-DeSoto International, Inc.
LIT#4511

