

Corrosion Inhibiting Aerospace Sealants



PPG is a global leader in aerospace sealants and services



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.



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

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 <i>Permapol</i> P-5 polysulfide, non-chromate based	1.59	B-½: 20 hours B-2: 48 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

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-chromate based	1.34	Not applicable
CA1010	One-part polyester jointing compound; non-curing, non-chromate based	1.37	Not applicable
PR-1764	Nickel-filled manganese dioxide-cured <i>Permapol</i> P-3 polythioether; electrically conductive, chromated	2.15	B-2: 48 hours
PR-1773	Manganese-cured polysulfide; low adhesion, non-chromate based	1.65	*Cure to 20 A B-½: 6 hours B-2: 16 hours
PR-2200	Nickel-filled epoxy-cured <i>Permapol</i> 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 <i>Permapol</i> P-3.1 polythioether; electrically conductive, rapid cure, non-chromate based	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

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