
Product Name: 2 Pack Low VOC Epoxy Chrome Free Anti-Corrosive Primer

Product Number: IP-714-A; IP-714-2-A

Product Description: 2 pack low VOC solvent based, high performance chrome free, air drying epoxy primer. Developed in conjunction with Pratt & Whitney to be low VOC, Toluene and Xylene free.

Available in Mid Grey (IP-714, Approved CPW 714 and PWA 36568) and Dark Grey (IP-714-2-A, CPW 714 approval only). The two versions meet the requirements of Pratt & Whitney. IP-714-2-A is a darker shade of Grey approved by P&W Canada only. The performance of the two coatings is otherwise identical.

IP-714-2-A colour matt grey is an approximate colour match to Fed Stan 595 colour number, 36173.

Approvals/Specifications:

- Approved to CPW 714 (IP714, IP714-2-A)
 - PWA 36568 (IP714 only)
 - Approved for use in Pratt & Whitney overhaul & repair: Reference SPM SPOP 148 & SPOP 155
 - Low VOC alternate to CPW 619 & PWA 36519. Volvo 101082525
 - Meets Requirements of MSRR 9064; Def Stan 80-161 and others
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Performance:

Heat Resistance: 200°C±5°C (400°F±10°F) for 48 hours without evidence of chalking, blistering or flaking.

Hot Oil Resistance: Film, after immersion for eight hours in ASTM Service Fluid No. 101 (ref. ASTM D 471) at 170°C±5°C (350°F±10°F) shows no peeling, blistering or softening.

Fuel Resistance: Film withstands immersion in ASTM Reference Fuel (ASTM D 471) at room temperature for four hours without blistering, peeling or softening.

Technical Data Sheet



Components:

Base: IP-714-A; IP-714-2-A
Catalyst: IP-714-B
Thinner: IP-715 Reducer

Application:

Surface Preparation:

Apply over suitably prepared surface. Ensure surface is clean and dust / dirt free. The minimum pre-treatment is to degrease the substrate.

May be used over chemical conversion coatings:

Aluminium: Chromate or Chromate free pre-treatment

Magnesium: CPW 489 Rockhard Sealer

Paint Preparation:

Thoroughly mix base component (Part – A) before use.

Mix 7 parts base to 1 part catalyst by volume (95.2 parts base to 10 parts catalyst by weight)

Induction time: 15 minutes

Application Method:

Apply by spray; conventional, HVLP or compliant guns.

Recommended shop conditions:

Temp: 15-25°C; Humidity: 35-75% RH

Refer to Application Instruction Sheet IPAS714 for full application details.

Drying Curing:

Air Dry: 30-45 minutes touch dry; 16 hours hard dry

Heat Cure: 15-30 mins flash off

Cure: 20-30 mins at 125°C (257°F) metal temperature

Technical Properties:

Supply Viscosity: Refer to IPAS 714
Flash Point: 27°C
VOC Content: 330 g per litre (mixed)
Colour: Light & Dark Grey
Pack Size (lt): Part-A: 3.5, Part-B: 1 or 0.5
Density: Part-A: 1.30 ± 0.04 g/ml
Part-B: 1.0 ± 0.02 g/ml

Technical Data Sheet



Dry Film Density:	1.58 +/- 0.03 kg / litre
Gloss:	Matt
Thinner:	IP-715 Reducer
Solvent/Clean Up:	40006 or IP-715 Reducer
Catalyst:	IP-714B
Theoretical Coverage:	theoretical 22 m ² /litre @ 25 microns

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

Disclaimer:

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Safety Data Sheets:

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