Technical Data Sheet

Product Name: 2pk Epoxy Low VOC Aluminium Finish

Product Number: IP-715

Product Description:

2 pack low VOC solvent based high performance air drying epoxy finish. Developed in association with Pratt & Whitney to be VOC compliant, toluene and xylene free.

Aluminium Finish for use over IP-714, 714-2-A Primer to provide a hexavalent chrome free finishing system.

Approvals/Specifications:

- CPW714
- PWA 36568
- P&W repair ref: SPM SPOP 148 & SPOP 155
- CPW 619 and PWA 36519 alternative
- Volvo 10182525
- Performs to MSRR9064, DEF 80-161

Performance:

Tested as a system with IP-714, 714-2-A, after 7 days air curing, or force cure 30 minutes at 125°C will pass;

- Heat resistance 48 hours at 400°F; (204°C)
- Heat resistance 100 hours at 180°C
- Hot oil; 8 hours in ASTM Fluid 101 (ASTM D 471) at 350°F (176°C) show no peeling or softening
- Fuel resistance ASTM ref fuel B 4 hours at room temperature without peeling or softening
- >2000 hours hot salt spray to ASTM B-117, unscribed
- 1000 hours hot salt spray to ASTM B-117 scribed to metal
- Resistant to 10 cycles 4 hours at 150°C (300°F) 20 hours in salt water fog as part of system
- Resistant to temperatures of down to at least -40°C
- See separate test matrix for details.
- Dry film density 1.19 kg/litre

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Components:

Product:	IP-715A
Catalyst:	IP-715B
Thinner:	IP715-Reducer

Application:

Surface Preparation:

Apply over a suitably prepared surface, minimum degrease.

Aluminium: Chrome or Chrome free pre-treatment; magnesium: CPW489 Rockhard Sealer. Ensure surfaces are clean dust and grease free.

Paint Preparation:

- ***Part A:*** 3 parts by volume; ***Part B***: 1 part by volume
- Can be thinned if required by the addition of up to 5% IP715-Reducer
- ***Pot Life:*** not less than 4 hours at 60-80°F; (15-26°C)

Application Method:

Apply by spray; DeVilbiss Transtech Compact or equivalent recommended, but HVLP guns can also be used.

Drying Curing:

Air Dry:

- *Touch Dry:* 45 minutes; Hard Dry: 16-24 hours

Force Cure:

- *Flash off:* 15 minutes; Cure: 20-30 minutes @ 125°C (250°F)

Technical Properties:

Supply Viscosity:	Refer IPAS 715
Flash Point:	27ºC
VOC Content:	230 g/litre mixed for application
Colour:	Aluminium
Pack Size:	5 litre
Specific Gravity:	Refer to SDS section 9
Gloss:	Eggshell
Thinner:	IP715-Reducer
Solvent/Clean Up:	40006 Gun cleaner

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Catalyst: IP-715B

Theoretical Coverage: 25 sq m/litre @ 25 micron

Storage:

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:

For Safety Data Sheets please contact our Sales Department:

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