



INDESTRUCTIBLE PAINT INC.

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INFORMATION SHEET

Air drying chromate free primer

IP-714 A&B KIT

IP CODE NUMBER: IP-714A BASE IP-714B CATALYST

PRODUCT DESCRIPTION

Solvent based , high performance, air drying primer. Developed in conjunction with a Pratt & Whitney to be not only low VOC, but those VOCs to be as innocuous as possible.

PRODUCT BENEFITS

- UN VOC protocol compliant
- Toluene and Xylene free
- Chromate free
- Individual kit components can be purchased separately

APPROVALS

Approved to CPW 714 & PWA 36568 for production. Approved for use in Pratt & Whitney overhaul & repair: Reference SPM SPOP 148 & SPOP 155. Low VOC alternate to CPW 619 & PWA 36519. Meets requirements of MSRR 9064, DEF 80-161 and others.

PERFORMANCE

This product has recently undergone additional testing in preparation for acceptance to additional specifications, the tests included:

Heat Resistance: 400°F +/-10° 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 350° F +/- 10° shall show no peeling, blistering or softening.

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

Preparation: Optimum shop temperatures are between 60° – 75° F. With relative humidity of 35-75%. The material should be at shop temperature prior to mixing. Once mixed let stand for 15 minutes. Pot life is approximately 4 hours.

Before application thorough cleaning of the substrate is vital. Once mixed always stir if this product has been left to stand.

Application: Apply by conventional or airless spray. Make sure to have good coverage. Part should stand for 16 - 24 hours minimum before Top Coat is applied. Primer can also be forced cured. For force curing flash-off for 30 minutes, and stove in air circulating oven for 30 minutes @ 250° F. Top Coat can now be applied. Primer only final cure should be 1 hour @ 250° F metal temperature.

Physical Properties:

Mixing Ratio	IP714A = 7 parts	IP-714B =1 part
Supply Viscosity	Viscometer = 50 RPM = CP 73 = 32 Seconds Zahn #2	
Color	Gray	
Gloss Level	Semi Matt	
Approximate Film Thickness	.0005 - .0009 Inches	
Pack Size	4 liter kit: IP714A = 3.5 liters IP-714B CATALYST = 1/2 liter (IP-715 REDUCER AVAILABLE NOT PART OF KIT)	
Shelf Life	1 year not mixed	
Pot Life	4 hours mixed	

