



## **INDESTRUCTIBLE PAINT INC.**

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### **INFORMATION SHEET**

Air drying epoxy, Low VOC, solvent based

#### **IP-715A&B KIT**

IP CODE NUMBER:    IP-715 BASE    IP-715B CATALYST

### **PRODUCT DESCRIPTION**

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

### **PRODUCT BENEFITS**

- Substantial reduction in VOCs from 700 grams per liter to 250 grams per liter
- UN VOC protocol compliant
- Toluene and Xylene free
- More paint per coat than current approved product, thus less labor to apply
- Individual kit components can be purchased separately

### **APPROVALS**

Approved to CPW 715 & PWA 36569 for production. Approved for use in Pratt & Whitney overhaul & repair: Reference SPM SPOP 148 & SPOP 155. Low VOC alternate to CPW 269 & PWA 569. 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.

**Corrosion Resistance:** Coated panels, after exposure to above heat test, are cross-scratched "X" on one face with a sharp instrument so that each leg of the "X" is approximately 1.0 to 1.5 inch (25 to 38 mm) long, shall withstand 350 hours exposure to salt spray without showing more than a few visual scattered corrosion pits when tested in accordance with ASTM B 117. Pitting of basis metal within .125 inch (3.18 mm) of any edge or within .062 inch (1.59 mm) of scratches and discoloration or staining will not be cause for rejection.

**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:** Conventional or airless spray one coat and allow to air dry for 30 minutes before applying a second coat. Product is at full chemical resistance after 7 days. Force curing (after 30 minute flash off) for 1 hour at 250° F. can expedite curing for handling purposes.

**Physical Properties:**

Mixing Ratio                      IP-715A = 3 part                      IP-715B Catalyst =1 part

Supply Viscosity Viscometer = 50 RPM = CP 73 = 31.2 Seconds Zahn #2

Color                                      Aluminum

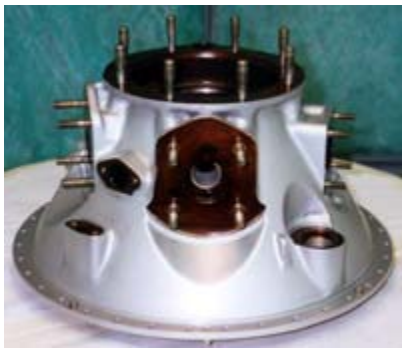
Gloss Level                              Semi Gloss

Approximate  
Film Thickness One Coat @ 30 p.s.i. = (.025 = millimeters) (.001 Inches)

Pack Size                                  4 liter kit:  
    IP-715A = 3 liters  
    IP-715B CATALYST = 1 liter  
(IP-715 REDUCER AVAILABLE NOT PART OF KIT)

Shelf Life                                  1 year not mixed

Pot Life                                      4 hours mixed



*Pratt & Whitney Housings sealed with Indestructible Paint Rockhard system; Top coated with IP-715*



Certificate No: 2789/01



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