

# COLONIAL COATINGS

## SURFACE SEALING



### TYPES OF SEALANT

ROCKHARD 961-450-002  
ROCKHARD 576-450-002

For extreme chemical resistance, erosion resistance and humidity resistance, military and aerospace components are painted with Rockhard Sealants. They afford superior protection in extremely difficult environments, making them a top choice for turbine blades, air intakes, aircraft components, engine blocks, pumps and a host of other parts and components. When used in conjunction with thin film anodic coatings, these sealants can withstand over 3,000 hours salt spray (ASTMB117).

### PHYSICAL PROPERTIES

color = Dark Chocolate Brown  
extremely chemical resistant  
very hard and erosion resistant  
Resistant to humidity or Trichloroethylene  
Holds up through re-chromating  
Provides protection to metals from attack by salt and other corrosive environments. When used in conjunction with thin film anodic coatings, it can yield up to 3000+ hours salt spray. (ASTM B117).

### TYPICAL APPLICATIONS

Air intakes, Turbine blades  
Computer chassis, Engine blocks  
Heat exchangers and Radiators  
Aircraft components, Gearboxes, Pumps,  
Starter covers, Oil tank covers

### SURFACE QUALITY

Texture of coating is smooth and furnishes excellent intercoat adhesion with paints and other sealants

### CURRENT APPROVALS/SPECIFICATIONS

Sikorsky Aircraft - SS8688  
Honeywell-AlliedSignal - FP5109  
Pratt & Whitney Aircraft PWA 36490  
General Electric Aircraft Engines P6D2  
Nichols Aircraft Parker Hannifin MCS-145  
Williams International CP4240

### COATING THICKNESS

Normally dimensional increase is in the range of:  
Machine surfaces = .0005 to .001 (0.5 to 1.0 mil)  
Cast surfaces = .0005 to .003 (0.5 to 3.0 mils)

