



# TECHNICAL DATA SHEET

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MIL-PRF-3043C  
PERMANENT RESIN COATING

**PRODUCT DESCRIPTION:**

A thermosetting resin coating for surfaces of engine components and metal parts. Dyed to a semi-transparent blue color which changes to green upon proper baking.

**TYPICAL PROPERTIES:**

COLOR..... Blue in package, Green after bake  
SOLIDS(Volume)..... 13 - 14%

**DRYING CYCLE:**

After air drying for one hour, the coated parts should be baked until the resin coating exhibits a distinct green coloration. Test procedures call for the metal panels to be baked at 325 Degrees F +/- 5 Degrees, however, the size and shape of the parts may require deviation from this schedule in order to obtain full cure and hardness.

**APPLICATION AND REDUCTION:**

Normal application is dipping or spraying at packaged viscosity. Apply to a dry film thickness of 0.5 to 0.7 mils. If necessary, thinning may be done with MIL-T-81772B Type 3 or MIL-T-18362 not to exceed 5% by volume.

**STORAGE:**

Store Indoors at room temperature.  
Keep away from heat, sparks and open flame.  
Read MSDS before use. For industrial use only.