

## TECHNICAL DATA

### FT-9-Y1 POLYURETHANE FUEL TANK COATING

June 2010

---

#### **PRODUCT DESCRIPTION:**

This polyurethane coating has been formulated to be used for the protection of aircraft fuel tanks against corrosion from fuel contaminants.

#### **MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SPECIFICATION:**

MIL-C-27725, Type II, Class A

#### **SURFACE PREPARATION:**

This coating has excellent adhesion to chemically treated aluminum (chromic acid or sulfuric acid anodine, alodine, etc.), chemically cleaned or abrasive blast clean steel, or chemically treated titanium.

#### **MIXING / APPLICATION:**

Mix thoroughly, 4 parts by volume of FT-9-Y1 to one part PH-24 hardener. Reduce with 4 parts by volume of SR-25 reducer. Pot life is 6 to 8 hours at 75° +/- 5°F. Allow the coating to stand 30 minutes. Spray apply to a dry film thickness of 0.8 to 1.2 mils. The primer will dry tack free in 30 minutes.

Allow Primer to dry for 72 hours before filling tanks. If a faster dry time is required, you may air dry for 20 minutes, then 5 hours at 130 degrees.

#### **PHYSICAL PROPERTIES:**

Appearance:	Translucent yellow
Admixed Viscosity:	10-15 sec. (#4Ford)
Weight per gallon admixed:	8.70#/gal
Coverage @ 100% usage:	285 sq. ft. /mil
Fineness of grind:	5 minimum
% NV admixed:	30% by weight
Shelf Life:	2 years from date of manufacture
Storage Temperature:	40-95°F (4-35°C)

#### **PRECAUTIONS:**

See MSDS for complete details of composition and required precautions for safe use.