



# TECHNICAL DATA SHEET

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A-423-66 EPOXY  
AMINE COATING  
MCS9010 / EMS53181

## PRODUCT DESCRIPTION:

One type of two-component chemical / fluid resistant epoxy based finish coat for the aerospace industry. This product is specifically formulated for industrial aerospace use on metals.

## TYPICAL PROPERTIES:

- (1). COLORS..... Full Range
- (2). **DRYING TIME:**
  - To Touch..... 1 - 2 Hours
  - Dry Hard..... Within 8 Hours
  - To Recoat..... Within 6 - 18 Hours
- (3). THINNER ..... T-262A-66 or MIL-T-81772B TY. II
- (4). POT LIFE..... 8 Hours @ 77 Deg F
- (5). SHELF LIFE..... 1 Year From Date/Mfg
- (6). **RESISTANCE TO:**
  - Solvents.....Excellent
  - Water.....Excellent
  - Alkali.....Excellent
  - Oils/Greases.....Excellent
  - Hydraulic Fluids (Skydrol, etc.).....Excellent
- (7). **SPRAYING VISCOSITY:** As required for proper atomization (dependent on equipment being used)
- (8). VOLATILE ORGANIC CHEMICALS (VOC).....<420 G/L Admixed (Part A and B)
- (9). DENSITY.....9.5 - 11.5 Lbs. / Gallon\*  
\*Density is dependent on color/sheen of material. 9.5 is the lowest (clear) and 11.5 is the highest (flat white)\*

## APPLICATION AND REDUCTION:

A-423-66 is normally applied over well cleaned, primed metal that has been prepared according to Garrett Specifications. Mix one part A-423-66 with one part of the converter provided in the kit. Allow 45 minutes to one hour induction/wetting time. Spray one cross coat to achieve a dry film thickness of 1.5 mils. Use admixed material within 8 hours. Dry to touch in 90 minutes, to handle in 4 hours and to recoat within 6-18 hours. Full cure at 7-14 days. For baking, allow to air dry one hour for solvent release, **pre-heat** oven and bake at 180-200 degrees Fahrenheit for 45 to 60 minutes. If thinning is needed, use T-262A-66 Thinner or MIL-T-81772B Ty. II Thinner.

## STORAGE / PRECAUTIONS:

Store Indoors at room temperature.  
Keep away from heat, sparks and open flame.  
Read MSDS before use.  
Contents are Flammable.  
For Industrial Use Only.