



## PRODUCT INFORMATION DATA SHEET

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# MIL-PRF-22750G TYPE I CLASS H GRADE A EPOXY TOPCOAT "01 SERIES"

**DESCRIPTION:** The "01 Series" are chemically cured, two-component epoxy-polyamine topcoats suitable for application on aircraft and ground equipment. Component A contains the pigment and epoxy resin. Component B is a clear, non-pigmented polyamine, which acts as a hardener or curing agent for Component A. When the "01 Series" epoxy topcoats are used over properly primed substrates they provide protection against weathering, humidity and salt spray. The cured topcoats are resistant to jet fuels, lubricating oils and hydraulic fluids. The "01 Series" epoxy topcoats meet current standards for high / low temperature flexibility and impact resistance.

**COLORS:** This coating may be furnished in any color and gloss range as designated by the Federal Standard 595B. Custom colors are also available.

TYPICAL CHARACTERISTICS* (Before Reduction)	"01 SERIES"
Mix Ratio, by volume	3 parts base to 1 part catalyst (all gloss ranges)
Reducer	IS-237**
Induction Time	No induction necessary
Recommend Dry Film Thickness	1.8 – 2.2 mils (2 coats)
Initial Mixed Viscosity	50 seconds, max #4 Ford
Average Theoretical Weight Per Gallon, Mixed	10.4-lbs/gal ± 1.7 (all gloss ranges)
Average Theoretical % Solids By Weight, Mixed	62.3% ± 11.0 (all gloss ranges)
Average Theoretical % Solids By Volume, Mixed	54.0% ± 9.0 (all gloss ranges)
Theoretical Coverage @ 1 mil Dry Film Thickness	871-sq.ft. ± 143 @ 100% transfer efficiency
Pot Life @ 75° ± 5°F	4 hours
Coatings VOC	340 g/L, max (2.8 lb/gal)

\*Characteristics are calculated based on product formula and raw material characteristics reported by raw material suppliers. Values are thought to be representative, but they are not to be treated as specifications.

\*\* Use only if needed and if local and state VOC limits allow

**Shelf life:** 1 year from DOM when stored between 70° – 90°F away from direct sunlight.

**Dry Times @ 75° ± 5°, 1.7 – 2.3 mils:**

Dry to touch: 4 hours max

Dry hard: 8 hours max

May be forced dried for "dry to stack" conditions. Contact Deft Tech Support for more information

**APPLICATION RECOMMENDATIONS:** May be applied by Conventional, Airless, Air Assisted Airless, HVLP or Electrostatic spray equipment

**CLEAN UP:** IS-237 Epoxy Reducer



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**44GN098**  
**Water Reducible, High Performance,**  
**Epoxy Primer**

**HEALTH,**  
**SAFETY,**  
**STORAGE &**

**HANDLING:** Refer to the MSDS for each component.