



PRODUCT INFORMATION DATA SHEET

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DMS 1786 COMPOSITION D WATER REDUCIBLE EPOXY PRIMER 44GN054

DESCRIPTION: 44GN054 is a two-component, fast dry, water reducible, chemically cured, high solids, epoxy-polyamide primers that is suitable for application on aircraft and aerospace equipment. Component A contains the pigment and polyamide resin. Component B is a clear, non-pigmented epoxy, which acts as a hardener or curing agent for Component A. When this epoxy primer is used over properly prepared substrates, it provides a corrosion inhibiting, chemical and solvent resistant film suitable for topcoat. The cured primer is resistant to immersion in water, jet fuels, lubricating oils and hydraulic fluids.

TYPICAL CHARACTERISTICS* (Before Reduction)	44GN054
Color	DN 9295 Green
Mix Ratio, By Volume	2 parts base to 1 part catalyst
Reducer, By Volume	Up to 4.5 parts of Distilled or Deionized Water
Induction Time	No induction necessary
Recommended Dry Film Thickness	0.8 – 1.3 mils
Initial Mixed Viscosity, # 2 Zahn Cup, 77°F	20 ± 2 seconds
Theoretical Weight Per Gallon, Mixed	11.4 lbs/gal ± 0.5
Theoretical % Solids By Weight, Mixed	75.3%
Theoretical % Solids By Volume, Mixed	61.4%
Theoretical Coverage @ 1 mil Dry Film Thickness	985 sq ft @ 100% transfer efficiency
Pot Life @ 77° ± 5°F	3 hours
Coatings VOC	340 g/L, max (2.8 lbs/gal)

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

Shelf Life: 1 year from DOM when stored between 35° to 115°F in original, unopened containers away from direct sunlight.

Dry Times 77° ± 5°F, 50 ± 10% RH, 0.8 – 1.3 mils:

Dry to Stack: Allow panels to air dry under standard conditions for 90 minutes before stacking.

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

CLEAN UP: While still liquid, flush with water. Use IS-248 Cleaning Solvent for Water Reducible Primers to remove residual primer from parts and equipment.

HEALTH, SAFETY, STORAGE & HANDLING: Refer to the MSDS for each component.

**Additional set up or equipment may be required.