



## PRODUCT INFORMATION DATA SHEET

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# BMS 10-11AA TYPE I CLASS A GRADE E WATER REDUCIBLE EPOXY PRIMER, GREEN 44GN011, 44GN060, 44GN057

**DESCRIPTION:** 44GN011, 44GN060, 44GN057 are chemically cured, water reducible, two-component, epoxy-polyamine primer intended for corrosion protection of metal parts in areas exposed to solvents and hydraulic fluids. Component B contains the epoxy resin. Component A is a pigmented polyamine, which acts as a hardener or curing agent for Component B. The cured primers are resistant to immersion in water, jet fuels, lubricating oils and hydraulic fluids.

**PRODUCTS:** 44GN011 - standard water reducible primer  
44GN060 - specifically designed for "1-step mixing" and plural component spray systems  
44GN057 - are specifically designed for brushing and touch up applications

TYPICAL CHARACTERISTICS* (Prior to reduction)	44GN011	44GN060	44GN057
Color	BAC 452 Green		
Mix Ratio, by volume	2 parts base to 1 part catalyst		
Approximate reduction with Distilled or Deionized water, by volume	4.5 parts	4.5 parts	3.75 parts
Induction Time	No induction time necessary		
Recommended Dry Film Thickness	0.5 – 0.7 mils		
Initial Viscosity, Mixed	20 ± 2 seconds, # 2 Zahn		
Theoretical weight per gallon, mixed, ± 0.2 sec	11.4 lbs/gal	11.3 lbs/gal	11.4 lbs/gal
Theoretical % solids by weight, mixed	75.3%	75.0%	75.3%
Theoretical % solids by volume, mixed	61.4%	61.2%	61.4%
Theoretical coverage @ 1 mil Dry Film Thickness and 100% transfer efficiency	984-sq. ft.	982-sq. ft.	984-sq. ft.
Pot Life @ 75° ± 5°F	4 hours	6 hours	4 hours
Coatings VOC	340 g/L, max (2.8 lbs/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.

**Shelf life:** 9 months from DOM when stored at 40° - 100°F in original, unopened containers away from direct sunlight

**Dry Times @ 75° ± 5°F, 0.5 to 0.7 mils dry:**

Dust Free: 15 minutes max

Tack Free: 2 hours max

Dry Through: 4 hours max

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

**APPLICATION RECOMMENDATIONS:** 44GN011 and 44GN060 may be applied by Conventional, Airless, Air Assisted Airless, HVLP or Electrostatic spray application. \*\*44GN057 is designed to be applied by brush.

**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 may be required