



PRODUCT INFORMATION DATA SHEET

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BMS 10-11AA TYPE I CLASS A GRADE E WATER REDUCIBLE EPOXY PRIMER, YELLOW 44Y022, 44Y030, 44Y032

DESCRIPTION: 44Y022, 44Y030 and 44Y032 are chemically cured, water reducible, two-component, epoxy-polyamine primers intended for corrosion protection of metal parts in areas exposed to solvents and hydraulic fluids. 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. The cured primers are resistant to immersion in water, jet fuels, lubricating oils and hydraulic fluids.

PRODUCTS: 44Y022 – standard primer
44Y030 – specifically designed for brushing and touch up applications
44Y032 – specifically designed for “1-step mixing” and plural component spray systems

TYPICAL CHARACTERISTICS* (Before Reduction)	44Y022	44Y030	44Y032
Color	BAC 377 Yellow		
Mix Ratio, by volume	2 parts base to 1 part catalyst		
Reducer, by volume	4.5 parts Distilled or Deionized water		
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	11.8-lbs/gal	11.7-lbs/gal	11.5-lbs/gal
Theoretical % solids by weight, mixed	76.4%	76.4%	75.4%
Theoretical % solids by volume, mixed	62.0%	62.3%	61.4%
Theoretical coverage @ 1 mil Dry Film Thickness and 100% transfer efficiency	995 sq ft	998 sq ft	984 sq ft
Pot Life @ 75° ± 5°F	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: 44Y022 and 44Y032 may be applied by Conventional, Airless, Air Assisted Airless, HVLP or Electrostatic spray application. ** 44Y030 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