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Hauthane HD-2117 DMM

DESCRIPTION: An extremely hard, NMP-free, APEO-free, aliphatic, polyester-based, aqueous polyurethane dispersion with exceptional chemical and early water-resistance properties.

SUGGESTED USES: **HD-2117 DMM** was designed for topcoat applications on a wide variety of substrates, including concrete, metal, plastic and wood. HD-2117 DMM produces films with exceptional adhesion to aluminum, excellent leveling properties and high levels of chemical resistance.

CHARACTERISTICS: Contains dipropylene glycol dimethyl ether (DMM) co-solvent
Outstanding water and chemical resistance
Fast early water resistance development
Can be crosslinked to enhance performance

APPLICATION: **HD-2117 DMM** can be used as a sole resin vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.

DRYING: **HD-2117 DMM** may be dried at ambient temperatures with supplemental co-solvent addition of 5% DPM or DPnB on total formulation weight. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties without additional co-solvent.

PHYSICAL PROPERTIES

SOLIDS	34% ($\pm 1\%$)
VISCOSITY	200-1000 cps
pH	7.5-10.0
DENSITY	8.7 lbs/gal
SOFTENING POINT	350°F
VOC CONTENT	98 g/l (as supplied)

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
ELONGATION	
50%	
TENSILE STRENGTH	
>4850 psi	
100% MODULUS	NA
200% MODULUS	NA
300% MODULUS	NA

