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Bondthane™ UD-255

DESCRIPTION: Bondthane UD-255 is a HAP's, APEO and NMP- Free aliphatic polyester polyurethane dispersion that exhibits a hard film. It was specifically developed for applications where NMP co-solvent and the TEA neutralizing amine are not desirable. UD-255 contains an alternate co-solvent and an alternate neutralizing amine but is not free of co-solvent or VOC. UD-255 may be blended or replaced with the softer UD-215 to obtain more flexible films while remaining free of NMP.

SUGGESTED APPLICATIONS: Excellent candidate for clear and pigmented wood, plastic, metal, and other rigid substrate coatings.

TYPICAL PHYSICAL PROPERTIES:	Solvent %:	8.7%	Acid #:	26
	Solids (by weight):	35%	VOC (g/L less water):	257
	Solids (by volume):	30.99%	Particle Charge:	Anionic
	pH (@ 25 C):	7.5 - 9.5	König Hardness:	119 s
	Viscosity (@ 25 C):	<500 cps.	Tensile Strength:	3150 psi
	Weight/gallon:	8.8 lbs/gal.	100% Modulus:	2900 psi
	Specific Gravity	1.06	% Elongation:	135%

*These values signify typical physical properties for comparative purposes only and are not intended as a specification.

CROSSLINKING: This product may be crosslinked with a variety of chemistries that can result in even better resistance properties. In almost all cases, crosslinking will result in either a two-component system or a system that will require heat activation. Ask your technical representative to explain crosslinking options and levels.

SAFETY & HANDLING: This product is waterborne but is intended for use by qualified professionals. As with all industrial products, please consult the Material Safety Data Sheet prior to use.

ETDS UD-255
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