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Hauthane HD-2501

- DESCRIPTION:** A soft, aliphatic, polycarbonate-based, polyurethane dispersion.
- SUGGESTED USES:** **HD-2501** was designed primarily for use on flexible substrates as a coating, saturant or impregnant.
- CHARACTERISTICS:**
- < Maximum hydrolytic stability and oxidation resistance
 - < Outstanding toughness and abrasion resistance
 - < Good water and chemical resistance
 - < Can be crosslinked to enhance performance
 - < Dilution and clean-up with ordinary tap water
 - < Contains n-methyl pyrrolidone (NMP) co-solvent
- APPLICATION:** **HD-2501** can be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. It may be thickened with associative thickeners for knife-over-roll or similar methods.
- DRYING:** **HD-2501** may be air dried, if desired, depending on film thickness. Typical drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

PHYSICAL PROPERTIES

SOLIDS	40% ($\pm 1\%$)
VISCOSITY	75-200 cps
pH	8.5-10.0
DENSITY	8.8 lbs/gal
SOFTENING POINT	240°F
VOC CONTENT	145 g/l (as supplied)
SWARD HARDNESS	10

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	480 %
TENSILE STRENGTH	>7300 psi
100% MODULUS	875 psi
200% MODULUS	1450 psi
300% MODULUS	2950 psi