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Hauthane HD-2107

DESCRIPTION: An aliphatic, polyester-based, aqueous polyurethane dispersion with an exceptional balance of properties.

SUGGESTED USES: **HD-2107** was designed for topcoat applications on a wide variety of substrates, including concrete, metal, plastic and wood.

CHARACTERISTICS:

- < Extreme toughness, abrasion and mar resistance
- < Outstanding water and chemical resistance
- < Excellent exterior weathering performance
- < Can be crosslinked to enhance performance
- < Dilution and clean-up with ordinary tap water
- < Contains n-methyl pyrrolidone (NMP) co-solvent

APPLICATION: **HD-2107** can be used as a sole 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-2107** can 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	35% (±1%)
VISCOSITY	50-150 cps
pH	8.5-10.0
DENSITY	8.7 lbs/gal
SOFTENING POINT	350°F
VOC CONTENT	147 gm/l (as supplied)
SWARD HARDNESS	44

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	235%
TENSILE STRENGTH	>7000 psi
100% MODULUS	4800 psi
200% MODULUS	6700 psi
300% MODULUS	NA