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Hauthane HD-5004

DESCRIPTION: A cost effective, aliphatic polyurethane / acrylic hybrid dispersion with an exceptional balance of properties.

SUGGESTED USES: **HD-5004** was designed for coatings applications on wood substrates where excellent abrasion-resistance and mar-resistance are required.

CHARACTERISTICS:

- ▶ Good toughness, abrasion and mar resistance
- ▶ Outstanding 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-5004** can be used as supplied or blended with acrylic emulsions for brush, pad or spray applications. Rheology modifications can be made with associative thickeners for alternative application methods.

DRYING/CURING: **HD-5004** dries at ambient room temperatures above 50°F in 2 hours. Additional coats may be applied at this interval to build film thickness. **HD-5004** may be crosslinked with polyaziridines to further enhance performance.

PHYSICAL PROPERTIES

SOLIDS	35% (±1%)
VISCOSITY	50-200 cps
pH	7.5 - 9.5
DENSITY	8.5 lbs/gal
SOFTENING POINT	NA
VOC CONTENT	32 gm/l
PENCIL HARDNESS	H

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)

ELONGATION	NA
TENSILE STRENGTH	NA
100% MODULUS	NA
200% MODULUS	NA
300% MODULUS	NA