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Hauthane HD-2024

DESCRIPTION: A soft, co-solvent free, aliphatic, water-borne, polyurethane dispersion.

SUGGESTED USES: **HD-2024** was designed for use as a cost effective urethane in coatings or finishes for textile fabrics. This unique urethane dispersion is manufactured at high solids and without the use of solvent. **HD-2024** is well suited for use as a strength additive for acrylic polymers. Whether used alone or as a strength additive, **HD-2024** provides increased strength, anti-fray, and abrasion resistance properties at an affordable price.

CHARACTERISTICS:

- < Co-solvent free and high solids
- < Excellent cost/performance ratio
- < Soft, tough, flexible, dry film
- < Excellent UV resistance
- < Excellent low temperature flexibility and crack resistance
- < Very good abrasion resistance

APPLICATION: Spray or pad -- solids may be adjusted for optimum add-on. May be thickened with HA-900 for knife coating applications.

CURING: Excellent strength properties as supplied. Melamine-formaldehyde crosslinkers, such as HA-808 (3 - 6 phr), will provide improved performance.

PHYSICAL PROPERTIES

HD-2024tl

SOLIDS	45% ($\pm 1\%$)
VISCOSITY	50-500 cps
pH	7.0-9.5
DENSITY	8.8 lb/gal
SOFTENING POINT	325°F
VOC CONTENT	10 g/l (as supplied)

TENSILE PROPERTIES

(Tested at 20 inches/minute)

ELONGATION	750 %
ULT. TENS. STR.	4,000 psi
100% MODULUS	480 psi
200% MODULUS	680 psi
300% MODULUS	890 psi

Revised 2/08