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Hauthane L-3697

DESCRIPTION: A soft, high solids, co-solvent free, aliphatic, polyurethane dispersion.

SUGGESTED USES: **L-3697** was designed as a multi-purpose textile binder polymer. It is suitable for industrial applications where low VOC, high film-build, elastomeric coatings are required.

CHARACTERISTICS:

- < Very high solids (55%)
- < Contains no co-solvent
- < Forms soft, tough, lightfast films
- < Excellent adhesion to most substrates

APPLICATION: **L-3697** can be used as supplied or blended with acrylic emulsions for spray or pad bath applications. Solids can be reduced with water to optimize dry coating weight. This product may also be thickened with associative thickeners for knife-over-roll or similar methods.

CURING: **L-3697** 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 55% ($\pm 2\%$)
VISCOSITY

pH

DENSITY 1.06
SOFTENING POINT 340°F
VOC CONTENT

11 g/l (as supplied)
895 psi

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)

200-800 cps

ELONGATION

780 %

7.5-10.0

TENSILE STRENGTH

>3535 psi

100% MODULUS 480 psi

200% MODULUS 690 psi

300% MODULUS

