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Hauthane L-3615

DESCRIPTION: A hard, co-solvent free, aliphatic, polyester polyurethane dispersion.

SUGGESTED USES: **L-3615** was designed for topcoat applications on a wide variety of substrates, including concrete, metal, plastic and wood. It may also be used as a blending resin with the softer L-3614 to impart greater film flexibility. A balanced composition provides good stability with acrylics and confers superior strength, abrasion resistance and low temperature flexibility properties.

CHARACTERISTICS:

- < Co-solvent free, TEA free, Tin free, APEO free
- < Medium hard, tough, dry film
- < Excellent water and chemical resistance
- < Superior abrasion resistance
- < Good adhesion to a wide variety of substrates

APPLICATION: **L-3615** can be used as a sole vehicle or blended with other coatings for spray or pad bath applications. Solids can be adjusted 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-3615** 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% ($\pm 1\%$)
VISCOSITY	50-500 cps
pH	7.5-10.0
DENSITY	8.8 lbs/gal
SOFTENING POINT	360°F
VOC CONTENT	45 g/l (less water)

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)

ELONGATION	260%
TENSILE STRENGTH	>6000 psi
100% MODULUS	4300 psi
200% MODULUS	5500 psi