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## Hauthane L-3225

**DESCRIPTION:** A hard, co-solvent free, aliphatic, polyester polyurethane dispersion. This is a self-coalescing version of HD-4675.

**SUGGESTED USES:** **L-3225** was designed for topcoat applications on a wide variety of substrates, including concrete, metal, plastic and wood.

**CHARACTERISTICS:**

- < Self-coalescing at temperatures above 60° F
- < Contains no co-solvent
- < Produces clear, durable films with low levels of co-solvent (<100 g/l)
- < Excellent non-yellowing properties
- < Good water and chemical resistance

**APPLICATION:** **L-3225** can be used as supplied or blended with acrylic emulsions for spray, dip or rotogravure applications. It can be thickened with associative thickeners for knife-over-roll or similar methods.

**CURING:** **L-3225** does not require the addition of a coalescing solvent to obtain good film formation at temperatures above 60° F. Below 60° F the addition of a supplemental coalescing solvent like DPnB (2 – 3% on total formulation weight) is suggested.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	38% (±1%)
<b>VISCOSITY</b>	50-500 cps
<b>pH</b>	7.0-9.5
<b>DENSITY</b>	8.8 lbs/gal
<b>SOFTENING POINT</b>	345°F
<b>VOC CONTENT</b>	18 g/l (as supplied) 48 g/l (less water)
<b>SWARD HARDNESS</b>	46

### TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)

<b>ELONGATION</b>	190 %
<b>TENSILE STRENGTH</b>	>5900 psi
<b>100% MODULUS</b>	4400 psi
<b>200% MODULUS</b>	NA psi
<b>300% MODULUS</b>	NA psi