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Hauthane L-3466

DESCRIPTION: An aliphatic, silicone-modified, polyester-based, water-borne polyurethane dispersion.

SUGGESTED USES: **L-3466** was designed primarily for topcoat applications where slip and abrasion resistance properties are required. **L-3466** contains a non-fugitive silicone component that provides low surface tension characteristics on flexible and rigid substrates including leather, plastics, metals and textiles. It also demonstrates exceptional dye transfer resistance in automotive leather seating and dry-erase, white board applications when crosslinked.

CHARACTERISTICS:

- < May be formulated into low surface tension coatings
- < Exceptional dye transfer resistance
- < Excellent abrasion resistance
- < Higher silicone content (~2X) than HD-2602
- < Crosslinkable for improved adhesion and performance
- < Contains n-ethyl pyrrolidone (NEP) co-solvent

APPLICATION: **L-3466** may be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.

DRYING: **L-3466** can be air dried, if desired, depending on film thickness. Typical oven 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	7.0-9.5
DENSITY	8.7 lbs/gal
SOFTENING POINT	305°F
VOC CONTENT	99 g/l (as supplied) 238 g/l (less water)
SWARD HARDNESS	35

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	300%
TENSILE STRENGTH	>6000 psi
100% MODULUS	3000 psi
200% MODULUS	4500 psi
300% MODULUS	NA