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Hauthane L-2857

DESCRIPTION: An NMP-free, APEO-free, silicone-modified, polyester-based, water-borne polyurethane dispersion.

SUGGESTED USES: **L-2857** was designed primarily for topcoat applications where slip and abrasion resistance properties are required. **L-2857** contains a non-fugitive silicone component that provides low surface tension characteristics on flexible and rigid substrates including plastics, metals and textiles.

CHARACTERISTICS:

- < May be formulated into low surface tension coatings
- < Excellent abrasion resistance
- < Non-fugitive silicone component
- < Crosslinkable for improved adhesion and performance
- < Contains dipropylene glycol dimethyl ether co-solvent

APPLICATION: **L-2857** 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-2857** 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% (± 1%)
VISCOSITY	50-500 cps*
pH	7.0-9.5
DENSITY	8.7 lbs/gal
SOFTENING POINT	305°F
VOC CONTENT	73 gm/l
SWARD HARDNESS	35

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	300%
TENSILE STRENGTH	>6375 psi
100% MODULUS	3180 psi
200% MODULUS	4610 psi
300% MODULUS	NA

*Provisional specification