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Hauthane L-2882

- DESCRIPTION:** A very hard, NMP-free, APEO-free, aliphatic, polyester polyurethane dispersion.
- SUGGESTED USES:** **L-2882** was developed for use on rigid PVC. Coatings containing this polymer form hard, tough, hydrolysis-, chemical- and stain-resistant films, which approach 2-component polyurethane performance levels. Superior adhesion to PVC makes it the ideal candidate for automotive interior parts, vinyl furniture and components.
- CHARACTERISTICS:** Superior adhesion to PVC
Excellent UV resistance
Exceptional alcohol resistance
Humidity resistance
Contains dipropylene glycol dimethyl ether cosolvent
- APPLICATION:** **L-2882** can be used as a sole vehicle or blended with acrylic emulsions for spray, dip or rotogravure applications. It can be thickened with associative thickeners for alternative application methods.
- DRYING:** The addition of coalescing solvent is recommended to achieve optimal film formation with **L-2882**. In ambient-cured systems the addition of 5-10% DPnB coalescing solvent is suggested. Less coalescing solvent is required in heat-cured systems to attain comparable film properties. Typical drying temperatures and dwell times for aqueous coatings are sufficient to optimize film characteristics.

PHYSICAL PROPERTIES

SOLIDS	35% (± 1%)
VISCOSITY	100-600 cps*
DENSITY	8.7 lbs/gal
pH	7.5 - 10.0
SOFTENING POINT	355° F
VOC CONTENT	111 g/l (as supplied)
SWARD HARDNESS	52

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
ELONGATION	35 %
TENSILE STRENGTH	8500 psi
100% MODULUS	NA
200% MODULUS	NA
300% MODULUS	NA

*Provisional Specification – May be revised after plant scale-up.