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Hauthane L-2942

- DESCRIPTION:** An aliphatic, polyester-based, water-borne polyurethane dispersion.
- SUGGESTED USES:** **L-2942** was developed for use on flexible and rigid PVC, and treated polypropylene film. Coatings containing this polymer form hard, tough, hydrolysis-, chemical- and stain-resistant films. Superior adhesion to PVC makes it the ideal candidate for vinyl sheet goods, automotive interior parts, vinyl furniture and components.
- CHARACTERISTICS:**
- Superior adhesion to PVC and treated polypropylene film
 - Excellent UV resistance
 - Exceptional alcohol resistance
 - Humidity resistance
 - Contains dipropylene glycol dimethyl ether co-solvent
- APPLICATION:** **L-2942** may be used as a sole vehicle or blended with acrylic emulsions. Viscosity modification can be made with associative thickeners for application via spray, knife-over-roll, or other methods.
- DRYING:** The addition of coalescing solvent is recommended to achieve optimal film formation with **L-2942**. 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 oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties without additional co-solvent.

PHYSICAL PROPERTIES

SOLIDS	35% ($\pm 1\%$)
VISCOSITY	50-1000 cps
DENSITY	8.8 lbs/gal
pH	7.5 - 10.0
SOFTENING POINT	NA
VOC CONTENT (as supplied)	91 g/l

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
ELONGATION	185 %
TENSILE STRENGTH	4525 psi
100% MODULUS	3450 psi
200% MODULUS	NA
300% MODULUS	NA