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Hauthane HD-2142

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

SUGGESTED USES: **HD-2142** was developed for use on flexible and rigid PVC, and treated polypropylene film. Coatings containing this polymer form hard, tough, 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
- Good alcohol resistance
- Good humidity resistance
- Contains n-methyl pyrrolidone co-solvent

APPLICATION: **HD-2142** 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: **HD-2142** may be dried at ambient temperatures with supplemental co-solvent addition. 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	50-500 cps
Density	8.8 lbs/gal
pH	7.5 - 10.0
Softening Point	310°F
VOC Content	128 g/l (as supplied)

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
Elongation	185 %
Tensile Strength	4515 psi
100% Modulus	3450 psi
200% Modulus	NM
300% Modulus	NM