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Hauthane L-2183

- DESCRIPTION:** An anionic, aliphatic, aqueous polyurethane dispersion.
- SUGGESTED USES:** **L-2183** is an adhesive grade polyurethane suggested for modifying industrial laminating adhesives. L-2183 may also be used in low tack pressure sensitive applications.
- CHARACTERISTICS:**
- < Low activation temperature (200° F)
 - < Can be crosslinked to improve bond strength and heat-resistance.
 - < Non-crystalline nature
 - < Contains n-methyl pyrrolidone co-solvent.
- APPLICATION:** **L-2183** can be used as supplied or blended with vinyl acetate/ethylene, styrene butadiene and acrylic emulsions. The rheology of L-2183 may be modified with associative or acrylic thickeners for knife-over-roll or similar methods.
- DRYING/CURING:** **L-2183** may be crosslinked with carbodiimides, polyaziridines, water dispersible polyisocyanates, epoxy silanes or low temperature curing melamines to increase bond strength and heat resistance.

PHYSICAL PROPERTIES

SOLIDS	35% (±1%)
VISCOSITY	50 – 500 (Brookfield RVT, sp. 3, 100 rpm)
pH	7.0 - 9.5
DENSITY	8.6 lbs/gal
VOC CONTENT	47 g/l (as supplied)
SOFTENING PT.	200° F

TENSILE PROPERTIES

ELONGATION	1200 %
TENSILE STRENGTH	1500 psi
100% MODULUS	75 psi
200% MODULUS	85 psi
300% MODULUS	100 psi