Hauthaway Established 1852

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Hauthane L-2245

DESCRIPTION: An anionic, aliphatic, aqueous polyurethane dispersion with a low activation temperature.

SUGGESTED USES: **L-2245** is an adhesive grade polyurethane suggested for industrial laminating applications where a pre-lamination coating is applied to a substrate and then dried. Ideal for bonding plasticized vinyl sheet to itself and to other substrates such as rubber, wood, cardboard and textiles.

CHARACTERISTICS:
- May be crosslinked for improved adhesion and heat-resistance.
- Non-crystalline nature
- Low level of n-methyl pyrrolidone (NMP) co-solvent (~2%)

APPLICATION: **L-2245** can be used as supplied or blended with vinyl acetate/ethylene, styrene butadiene and acrylic emulsions. The rheology of L-2245 may be modified with associative or acrylic thickeners for knife-over-roll or similar methods.

DRYING/CURING: **L-2245** will dry to a tack-free film in 10 minutes at 200° F. Heat activation will occur between 215 – 225° F. L-2245 may be crosslinked with polyaziridines, water dispersible polyisocyanates, epoxy silanes or low temperature melamines to increase bond strength and heat resistance.

PHYSICAL PROPERTIES

SOLIDS	40%(+/- 1%)
VISCOSITY	50 - 500 (Brookfield RVT, sp. 3, 100 rpm)
pH	7.0-9.5
DENSITY	8.75 lbs/gal
VOC CONTENT	0.25 lbs/gal
SOFTENING PT.	220° F

TENSILE PROPERTIES

ELONGATION	600%
TENSILE STRENGTH	3300 psi
100% MODULUS	710 psi
200% MODULUS	910 psi
300% MODULUS	1270 psi