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Hauthane HD-2301

- DESCRIPTION:** A stiff, flame-retardant, aliphatic, water-borne urethane dispersion.
- SUGGESTED USES:** HD-2301 was designed for use as a coating or finish for synthetic textile fabrics that must have permanent flame retardancy. Low add-on levels of HD-2301 will enable synthetic fabrics to pass various FR tests including NFPA-701, MVSS-302, & others. The film properties of HD-2301 also provide a stiff hand and excellent molding/pleating properties. Due to its aliphatic composition, excellent UV resistance is also exhibited. This combination of properties makes HD-2301 an excellent coating or finish for synthetic pleated shades, vertical blinds, and other fabrics that must be stiff, flexible, and flame retardant.
- CHARACTERISTICS:** Permanent, non-leaching flame retardancy
Stiff, tough, flexible, exceptionally dry film
Excellent UV Resistance
High melting point (360°F)
Excellent low temperature flexibility
Excellent abrasion resistance
- APPLICATION:** Spray or pad -- solids may be adjusted for optimum add-on.
May be thickened with HA-921 for knife coating.
- CURING:** Excellent strength properties as supplied.
Melamine-formaldehyde (3 - 6 phr) provides improved performance.

PHYSICAL PROPERTIES

Solids	35±1%
Viscosity	50-500 cps
pH	6.5-9.5
Density	8.8 lbs/gal
Softening Point	360°F
VOC Content (as supplied)	134 g/l

TENSILE PROPERTIES

(Tested at 2 inches/minute)	
Elongation	110%
Ult. Tensile Strength	5,400 psi
100% Modulus	3,050 psi
200% Modulus	NA
300% Modulus	NA