

C. L. Hauthaway & Sons Corporation
638 Summer Street Lynn, MA 01905-2092

781 592-6444
www.hauthaway.com

Hauthane HD-2101

- DESCRIPTION:** A soft, aliphatic, polyester-based, aqueous polyurethane dispersion.
- SUGGESTED USES:** **HD-2101** was designed primarily for use on flexible substrates as a coating, saturant or impregnant.
- CHARACTERISTICS:**
- < Outstanding toughness and abrasion resistance
 - < Excellent water and chemical resistance
 - < Exceptionally high melting point for a medium soft polymer
 - < Can be crosslinked to enhance performance
 - < Dilution and clean-up with ordinary tap water
 - < Contains n-methyl pyrrolidone (NMP) co-solvent
- APPLICATION:** **HD-2101** can be used as a sole vehicle or blended with harder polyurethane dispersions or acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.
- CURING:** **HD-2101** can be air dried, if desired, depending on film thickness. Typical drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

PHYSICAL PROPERTIES

SOLIDS	40% (±1%)
VISCOSITY	75-200 cps
pH	8.5-10.0
DENSITY	8.8 lbs/gal
SOFTENING POINT	325°F
VOC CONTENT	145 gm/l (as supplied)
SWARD HARDNESS	10

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	500%
TENSILE STRENGTH	>5000 psi
100% MODULUS	700 psi
200% MODULUS	1100 psi
300% MODULUS	2000 psi