

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

781 592-6444
www.hauthaway.com

Bondthane™ UD-301

DESCRIPTION: Bondthane UD-301 is an aliphatic polyester polyurethane dispersion that exhibits a soft flexible film with high elongation. This soft polymer has excellent adhesion to many substrates and can be heat-sealed in adhesive applications. The soft flexible feel of this polymer makes it an excellent candidate for certain leather, textile and glove coating applications.

SUGGESTED APPLICATIONS: Soft flexible adhesives and coatings for textiles, leather, synthetic gloves, and other flexible substrates.

**TYPICAL
PHYSICAL
PROPERTIES:**

Solvent %:	13.4%	Acid #:	15
Solids (by weight):	40%	VOC (g/L less water):	294
Solids (by volume):	36.8%	Particle Charge:	Anionic
pH (@ 25 C):	8.0-10.0	König Hardness:	31 s
Viscosity (@ 25 C):	150 cps.	Tensile Strength:	5000 psi
Weight/gallon:	8.8 lbs/gal.	100% Modulus:	300 psi
Specific Gravity	1.06	% Elongation:	600%

*These values signify typical physical properties for comparative purposes only and are not intended as a specification.

CROSSLINKING: This product may be crosslinked with a variety of chemistries that can result in even better resistance properties. In almost all cases, crosslinking will result in either a two-component system or a system that will require heat activation. Ask your technical representative to explain crosslinking options and levels.

SAFETY & HANDLING: This product is waterborne but is intended for use by qualified professionals. As with all industrial products, please consult the Material Safety Data Sheet prior to use.

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The information presented in this Technical Data Bulletin is intended to convey the best available data on this compound to facilitate its safe handling and to stimulate interest in its use. The uses referred to are listed for purposes of illustration only, and it is recommended that sufficient investigation be carried on to establish the suitability of their application in any particular use. No guaranty or warranty is implied or intended as to the suitability of any chemical compound for any particular use. Nothing herein is to be construed as advising or authorizing practice of any invention covered by existing patents without license from the owners thereof.