

- DESCRIPTION:** A hard, chemical-resistant, aliphatic, water-borne polyurethane dispersion.
- SUGGESTED USES:** **L-2897** was developed for use on flexible and rigid PVC and other plastic substrates. It may also be formulated to provide gloss topcoats on cementitious, metal and wood substrates. This product exhibits superior chemical resistance properties, while maintaining excellent flexibility and gloss retention characteristics.
- CHARACTERISTICS:**
- X Superior adhesion to PVC
  - X Excellent UV resistance
  - X Exceptional alcohol resistance
  - X Humidity resistance
- APPLICATION:** **L-2897** may be used as supplied or blended with acrylic emulsions for spray or rotogravure applications. Viscosity modifications can be made with associative thickeners for knife-over-roll or other methods.
- DRYING:** **L-2897** may be air dried, if desired, depending on film thickness. The addition of 5 – 10% coalescing solvent is suggested in ambient temperature drying situations. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35% (+/- 1%)
<b>VISCOSITY</b>	50-500 cps
<b>DENSITY</b>	8.8 lbs/gal
<b>pH</b>	7.5 - 10.0
<b>VOLUME SOLIDS</b>	32.20%
<b>VOC CONTENT</b>	1.12 lbs/gal
<b>SWARD HARDNESS</b>	50

### TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
<b>ELONGATION</b>	150 %
<b>TENSILE STRENGTH</b>	8000 psi
<b>100% MODULUS</b>	5200 psi
<b>200% MODULUS</b>	NA
<b>300% MODULUS</b>	NA

**SPECIAL NOTE:** Mix well before removing product from containers. Container lids must be re-sealed tightly with the plastic header film after each use.

**STORAGE STABILITY:** The product must be stored in a controlled environment between 5 – 40°C and protected from direct exposure to sunlight. Shelf-life is 1 year from manufacture date (see lot # for date).

*This information is believed to be accurate but is not guaranteed and we assume no legal responsibility for its accuracy. User should test the product to determine its suitability for their particular purpose. Nothing presented here is to be construed as a recommendation or inducement to use our product. We shall not be liable for any claims for damages, whether based on contract, negligence, and strict liability in tort or otherwise. Our products are sold without any implied warranty of merchantability or fitness for a particular purpose.*

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