

- DESCRIPTION:** An NMP-free, APEO-free, polycarbonate-based, hydroxyl-functional, aliphatic, water-borne polyurethane dispersion.
- SUGGESTED USES:** L-2996 was developed for use with water-dispersible, isocyanate crosslinkers such as Bayer's Bayhydur 302 or Perstorp's Easqua X D 401. The product, when crosslinked provides tough, chemical resistant, glossy coatings which may be applied to a variety of substrates including concrete, metals, plastics and wood materials. This product exhibits superior chemical resistance, while maintaining excellent flexibility and gloss retention characteristics.
- CHARACTERISTICS:**
- < Superior chemical resistance
 - < Excellent exterior weathering durability
 - < Excellent humidity resistance
 - < Contains dipropylene glycol dimethyl ether (DMM) co-solvent
- APPLICATION:** L-2996 crosslinked with water-dispersible isocyanates may be spray applied using single-component equipment. The workable potlife is approximately 4 hours at the suggested crosslinker ratio of 1.5 to 1.0 NCO / OH.
- CURING:** L-2996, crosslinked with a water-dispersible isocyanate, will dry to a hard film in 30 minutes at ambient room temperature (65–70 °F) and humidity (RH 50%). Ultimate cured properties will take 3-5 days to develop. If heat is available, the ultimate properties can be attained in shorter time. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

PHYSICAL PROPERTIES*

SOLIDS	35% (±1%)
VISCOSITY	50-500 cps
pH	7.5-10.0
DENSITY	8.8 lbs/gal
VOC CONTENT	122 g/l (as supplied)
OH EQUIVALENT WT.	4,000 (as supplied)

TENSILE PROPERTIES*

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	220 %
TENSILESTRENGTH	6500 psi
100% MODULUS	3900 psi
200% MODULUS	NA
300% MODULUS	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.

东莞市赢懋贸易有限公司

地址: 东莞市南城区鸿福路中环财富广场

E-mail 地址: euroland@euroland.net.tw

电话 0769-2288 9931 传真 0769-2288 8557