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Hauthane L-3121

DESCRIPTION: A soft, NMP-free, aliphatic, polycarbonate-based, polyurethane dispersion.

SUGGESTED USES: **L-3121** was designed primarily for use on flexible substrates as a coating, saturant or impregnant.

CHARACTERISTICS:

- < Maximum hydrolytic stability and oxidation resistance
- < Outstanding toughness and abrasion resistance
- < Can be crosslinked to enhance performance
- < Dilution and clean-up with ordinary tap water
- < Contains dipropylene glycol dimethyl ether (DMM) co-solvent

APPLICATION: **L-3121** can be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. It may be thickened with associative thickeners for knife-over-roll or similar methods.

DRYING: **L-3121** may 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	35% ($\pm 1\%$)
VISCOSITY	50-500 cps
pH	7.5-10.0
DENSITY	8.8 lbs/gal
SOFTENING POINT	240°F
VOC CONTENT	124 g/l (as supplied)
SWARD HARDNESS	10

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	480 %
TENSILE STRENGTH	>7300 psi
100% MODULUS	875 psi
200% MODULUS	1450 psi
300% MODULUS	2950 psi