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Hauthane L-3528

DESCRIPTION: A co-solvent free, polycarbonate-based, aliphatic, polyurethane dispersion.

SUGGESTED USES: **L-3528** was developed for general coatings use on wood, plastic and metal substrates. The product offers exceptional resistance to hydrolysis, oxidation and UV-degradation. L-3528 is ideally suited for exterior applications where film durability and longevity are important considerations.

CHARACTERISTICS:

- < Excellent exterior weathering durability
- < Excellent humidity resistance
- < Outstanding toughness and abrasion-resistance
- < Co-solvent free, tin-free, APEO-free

APPLICATION: **L-3528** may be formulated into coatings applied by spray, brush or pad applicator. It can be used as a sole vehicle or blended with acrylic emulsions. The rheology may be modified with associative thickeners.

CURING: **L-3528** 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 may be sufficient to produce optimal film properties.

PHYSICAL PROPERTIES

SOLIDS	35 (±1%)
VISCOSITY	50-500 cps
DENSITY	1.06
pH	7.5 - 10.0
VOC CONTENT	12 g/l (less water)
VOC CONTENT	41 g/l (as supplied)

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	340 %
TENSILE STRENGTH	4400 psi
100% MODULUS	2040 psi
200% MODULUS	2700 psi
300% MODULUS	3800 psi