HD-2209

Established 1852

DESCRIPTION: A lightfast, aqueous, polyurethane dispersion polymer designed to produce

unequaled clarity and gloss.

SUGGESTED USES: HD-2209 was designed for wood finishing applications but can be used on

a wide variety of both rigid and flexible substrates. Use wherever gloss and

clarity are of paramount importance.

CHARACTERISTICS: Wet look gloss

Glass-like clarity

Mirror like definition-of-image

Adhesion to a wide variety of substrates; wood, plastics, textile etc.

Dilution and clean up with ordinary tap water

APPLICATION: **HD-2209** is used as supplied by spray, dip, and rotogravure techniques. It

can be thickened for knife-over roll or similar methods

DRYING: Can be air dried at ambient conditions, if desired. Forced air drying in

conventional ovens will minimize drying time.

PHYSICAL PROPERTIES		TENSILE PROPERTIES	
SOLIDS:	35.0%(+/- 1%)	(Tested at 20 inches/minute)	
VISCOSITY:	50-150 cps	ELONGATION:	330%
PH:	7.5-10	ULT. TENS. STR.	7300 PSI
DENSITY:	8.8 lb/gal	100% MODULUS:	3500 PSI
SOFTENING POINT:	330F	200% MODULUS:	5000 PSI
V.O.C. CONTENT:	1.10 lbs/gal	300% MODULUS:	6700 PSI

*PLEASE CONTACT US FOR SPECIFIC RECOMMENDATIONS ON THICKENERS OR CROSSLINKERS

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 $5-40^{\circ}$ 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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