

C. L. Hauthaway & Sons Corporation  
638 Summer Street Lynn, MA 01905-2092

781 592-6444  
www.hauthaway.com

## Hauthane HD-2209

**DESCRIPTION:** An aliphatic, polyester-based, aqueous polyurethane dispersion designed to produce unequaled clarity and gloss.

**SUGGESTED USES:** **HD-2209** was designed for wood finishing applications, but it 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, textiles
- < Dilution and clean up with ordinary tap water
- < Contains n-methyl pyrrolidone (NMP) co-solvent

**APPLICATION:** **HD-2209** 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 alternative application methods.

**CURING:** **HD-2209** can be air-dried. Typical 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>       | 50-150 cps  |
| <b>pH</b>              | 7.5-10      |
| <b>DENSITY</b>         | 8.8 lbs/gal |
| <b>SOFTENING POINT</b> | 330EF       |
| <b>VOC CONTENT</b>     | 132 gm/l    |
| <b>SWARD HARDNESS</b>  | 42          |

### TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)

|                         |           |
|-------------------------|-----------|
| <b>ELONGATION</b>       | 330%      |
| <b>TENSILE STRENGTH</b> | >7300 psi |
| <b>100% MODULUS</b>     | 3500 psi  |
| <b>200% MODULUS</b>     | 5000 psi  |
| <b>300% MODULUS</b>     | 6700 psi  |