

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

781 592-6444

Hauthane HD-2015

DESCRIPTION: A branched, aliphatic, co-solvent free, polyether-based, aqueous polyurethane dispersion.

SUGGESTED USES: **HD-2015** was designed for a variety of coating and adhesive applications where the chemical- and thermal-resistance of a crosslinked system are required, but the use of a multiple component system is neither feasible nor desirable.

CHARACTERISTICS:

- Contains no co-solvent
- Produces medium hard, tough films
- Polymer branching improves film resistance properties
- Dries to clear, glossy film
- Dilution and cleanup with water

APPLICATION: **HD-2015** can be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.

CURING: **HD-2015** can 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 30-500 cps

pH 7.0-9.5
DENSITY 8.6 lbs/gal
SOFTENING POINT 325°F
VOC CONTENT 16 g/l
SWARD HARDNESS 20

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)

ELONGATION
440%
TENSILE STRENGTH >4500 psi
100% MODULUS 1550 psi
200% MODULUS 2150 psi
300% MODULUS 2900 psi

