



WITCOBOND® W-293

Witcobond® W-293 urethane dispersion is a low viscosity, high solids, stable, aqueous system. No solvent is present. It offers light stable films and may be considered for applications such as:

- Coating or surface treatments for porous or nonporous substrates
- Adhesive for difficult substrate combinations
- Frothable interlayers or coatings
- Nonwoven saturants and binders

Typical Physical Properties:

Particle Charge:	Anionic
Particle size, micrometers:	2
Solid content, %	67
pH @ 25°C	7.5
Viscosity (Brookfield LVF), cps @ 25°C	400
Specific gravity @ 25°C	1.07
Weight per gallon, lb	8.9
Mechanical stability (high shear)	Excellent
Freeze Thaw Stability -18 °C	6+ Cycles

Film Properties:

Tensile strength, psi	2,700
100% Modulus, psi	120
300% Modulus, psi	300
500% Modulus, psi	850
Ultimate Elongation, %	725

Product Safety and Handling: Please refer to our Material safety Data Sheet (MSDS). Witcobond® aqueous dispersions should be mixed well before use. The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein. Except as expressly provided in Chemtura Corporation's standard terms and conditions of sale, no warranty, express or implied, including warranties of merchantability or fitness for a particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by patent without a license from the owner of the patent.