



# Technical Data Sheet

## HP 42-296

### DESCRIPTION:

HP 42-296 is a surfactant stabilized, crosslinking Styrene Acrylic Copolymer Emulsion

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### PHYSICAL CHARACTERISTICS:

Total solids:	49.0 - 51.0
Viscosity cps @ 24°C:	1000-5000
Relative density:	1.04-1.06
pH value:	7.5 – 9.0
Residual monomer:	0.1% maximum
Particle size:	small
Particle charge:	anionic
Mechanical:	excellent
Solvent:	compatible with standard plasticizers and solvents
Borax:	good
Shelf life:	good
Heat:	excellent
Freeze/thaw:	no

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### TYPICAL FILM PROPERTIES:

Flexibility:	good
Water resistance:	excellent
Appearance:	clear
Tg:	5°C

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### APPLICATIONS AND FEATURES:

HP 42-296 is suggested for use as a Non-Blush water resistant coating for boxboards and masonry.

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