

ECCOTHANE R4296

NMP-FREE POLYURETHANE DISPERSION

Eccothane R4296 is an NMP-free, highly crystalline waterborne aliphatic polyurethane dispersion used for heat-activated adhesives. R4296 can be used in a single-component, heat cured system or as a part of a 2-K system.

KEY BENEFITS

- NMP-free
- Excellent adhesion to flexible PVC
- Block resistance
- Low temperature flexibility

DISCLAIMER: The information and recommendations contained herein are based on data believed to be correct. The information is offered solely for the customer's consideration, investigation and verification because of numerous factors beyond our control affecting the results of the use of products, Essential Industries, INC. makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for a particular purpose, other than that the product conforms to its applicable current standard specification. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.

TYPICAL PROPERTIES*

Appearance	Translucent
pH.....	8.0
Solids, % by Weight	33.5
Viscosity, cps @ 25°C	< 100
Density, lbs/gal	8.7
% VOC	9.5
Particle Size, nm	45
Particle charge	Anionic
Acid Number	20
Freeze/Thaw Stability	Fails
König Hardness (secs).....	59

*These values should not be interpreted as specifications.



The Spark of Innovation

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Film Properties

ASTM D2370, "Standard Test Method for Tensile Properties of Organic Coatings"

Tensile Strength, PSI 3,200

Elongation at Break, %..... 530