



### ELVACE®734

#### DESCRIPTION

Elvace® 734 was developed as a cost effective vinyl acetate-ethylene copolymer emulsion for use in compounding today's packaging and construction adhesives requiring a low VOC content. It offers the adhesive formulator many of the exclusive benefits expected from copolymer emulsions such as good specific adhesion and a tough permanently flexible adhesive film. In addition, Elvace® 734 includes custom features like a faster rate of set and increased water resistance. Overall, the combined features of Elvace® 734 give it a high value to performance ratio which is necessary to compete in today's marketplace.

#### TYPICAL PROPERTIES

Appearance	White, Milky Liquid
Solids, %	54.5 min.
pH	4.5 - 5.5
Visc., RVF #3 @ 20 rpm, cps	1500 - 2500
Weight, Lbs./Gal., U.S.	8.8 - 9.2
Glass Transition Temp, °C	19 ± 3
Freeze-thaw Stability	None
Borax Stability	None

#### ADHESIVE PROPERTIES

Rate of Set, sec.	6 - 9
Heat Seal Temperature, °F	190
Adhesion to cloth, pli	3 - 4
Water Resistance	Good
Film Clarity	Slight Haze
Wet Tack	High
Dry Tack	Low
Flexibility	Moderate to Low

#### FEATURES

- ◆ Fast rate of set
- ◆ Reduced tendency toward blocking
- ◆ Good adhesion to diverse substrates
- ◆ Improved formulating latitude
- ◆ Tough permanently flexible polymer film
- ◆ Excellent long-term viscosity stability
- ◆ FDA approved
- ◆ Residual Vinyl Acetate Monomer (VAM) level at less than 0.1%

#### APPLICATION

- ◆ Decorative Paper to Particle Board Lamination
- ◆ Heat Sealable Coatings
- ◆ High-Speed Case & Carton Manufacture
- ◆ Microwavable Packaging
- ◆ Urethane Foam Lamination

#### STORAGE

Protect from freezing. Ideal storage temperature is 72°F. Stability at 72°F is >180 days.

#### SHIPPING FORM

Available in 10,000- or 20,000-gallon railroad tank cars, 5,000-gallon tank trucks or 55- gallon non-returnable plastic or fiber drum

**READ THE ELVACE® 734 MATERIAL SAFETY DATA SHEET BEFORE HANDLING, STORING OR USING THIS PRODUCT.**

### Our Focus is Clear. Perfecting Adhesives.

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