



## Covinax 220

**Covinax 220** is a vinyl acrylic copolymer stabilized with polyvinyl alcohol colloid. This vinyl acrylic copolymer was designed to bond synthetic films, such as polyvinyl chloride, Mylar and cellophane. Covinax 220 finds application in casing-in and padding glues and heat seal adhesives.

### PHYSICAL PROPERTIES

**Polymer Type:** Vinyl Acrylic

**Protective System:** Polyvinyl Alcohol

**Viscosity (cps):** 1000 to 1400 (LVF, Spindle #4/60RPM/77°F)

**Percent Solids:** 53% - 57%

**pH:** 4.8 – 5.5

**Freeze/Thaw Stability:** No

**Weight per Gallon (lbs):** 9.0

**Borax Compatible:** No

**Mechanical Stability:** Excellent

**Shelf Life:** 3 months

### ADDITIONAL INFORMATION

#### FILM PROPERTIES

Dry films of Covinax 220 are flexible and tack-free with good gloss and clarity. Water resistance is fair. Plasticizer resistance is poor.

#### COMPOUNDING INFORMATION

Covinax 220 can be thickened, using partially hydrolyzed polyvinyl alcohol. This thickening technique will retain the linear flow properties and enhance the wet-tack. For moderate to high viscosities, cellulosic thickeners may be used. Solvents, such as toluene and methyl ethyl ketone will also thicken Covinax 220. The specific adhesion and tack of Covinax 220 can be increased using dibutyl phthalate, chlorinated paraffin or proprietary plasticizers.

Covinax 220 conforms compositionally with FDA Regulation 21 CFR 175.105, 21 CFR 176.170, and 21 CFR 176.180.

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