



# Covinax 220

## PRODUCT DESCRIPTION

**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

<b>Polymer Type:</b>	Vinyl Acrylic	<b>Freeze/Thaw Stability:</b>	No
<b>Protective System:</b>	Polyvinyl Alcohol	<b>Weight per Gallon (lbs):</b>	9.0
<b>Viscosity (cps):</b>	1000 to 1400 (LVF, Spindle #4/60RPM/77° F)	<b>Borax Compatible:</b>	No
<b>Percent Solids:</b>	53% - 57%	<b>Mechanical Stability:</b>	Excellent
<b>pH:</b>	4.8 – 5.5	<b>Shelf Life:</b>	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.

The data provided in this Technical Data Sheet represents typical physical and/or performance values for the product under a given set of testing conditions. The ranges or values are not specifications. Specifications will be set based on statistical analysis of measurements made by the quality control laboratory on production material and will accurately reflect production capabilities. This data should be used as a guide for product selection only.

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