



# Covinox 225-00

## PRODUCT DESCRIPTION

**Covinox 225-00** is a surfactant stabilized acrylic copolymer emulsion developed for ultra-removable pressure sensitive applications for tapes and labels. It has extremely high cohesive strength and maintains very constant peel adhesion with aging. Covinox 225-00 is removable from most substrates including paper, film, glass and painted surfaces.

## PHYSICAL PROPERTIES

<b>Polymer Type:</b>	Acrylic	<b>Freeze/Thaw Stability:</b>	Unstable
<b>Protective System:</b>	Anionic	<b>Weight Per Gallon:</b>	8.6
<b>Viscosity (cps):</b>	30 - 430 (RVF, Spindle #3/50 RPM /77 °F)	<b>Borax Compatible:</b>	Yes
<b>Percent Solids:</b>	59.5% - 62%	<b>Color:</b>	White
<b>pH:</b>	4.80 - 5.60	<b>Shelf Life:</b>	6 months

## ADDITIONAL INFORMATION

A 1 mil (28g/M<sup>2</sup>) dry film of Covinox 225-00 cast directly onto 1 mil thickness polyester film will exhibit the following average performance properties when tested on #304 stainless steel, which has a #3 surface finish.

Test	Performance Values
180° Peel Adhesion <sup>1</sup>	0.35 pounds
178° Shear Adhesion <sup>2</sup>	412 minutes
Loop Tack <sup>3</sup>	0.7 pounds
Coating Weight	1.0 dry mil

**Glass Transition Temperature (T<sub>g</sub>):** -52 °C

**FDA Compliance:** None

<sup>1</sup> Franklin International 03QC5002, 30 minute dwell.

<sup>2</sup> Franklin International 03QC5003, 0.25 square inch, 1000 gram load, 10 minute dwell.

<sup>3</sup> Franklin International 03QC5004, 1 square inch contact, 1 second dwell.

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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