

# ENCOR<sup>®</sup> 9165

For Clear, Permanent Film and Paper Labels

<b>Product Benefits</b>	ENCOR <sup>®</sup> 9165 latex is a coater-ready inherently pressure – sensitive acrylic copolymer emulsion product that forms a remarkably clear dry film.	
<b>Polymer Design</b>	<ul style="list-style-type: none"> <li>• 100% Acrylic polymer</li> </ul>	
<b>Performance Benefits</b>	<ul style="list-style-type: none"> <li>• Good clarity on clear face stocks</li> <li>• Excellent balance of peel, tack and cohesive strength</li> <li>• Superior adhesion to a wide variety of surfaces</li> <li>• Excellent flow and leveling</li> <li>• Conformance to FDA 21CFR175.105</li> </ul>	
<b>Typical Polymer Properties<sup>1</sup></b>	Total Solids, % by weight	52
	Weight per Gallon, lb	8.6
	pH Value	9
	Particle Size, μm	0.3
	Viscosity, Brookfield, cP	300
	Glass Transition Temperature, °C	-34
<b>Typical Adhesive Properties<sup>1</sup></b>	180° Peel, 30 min dwell on stainless steel 1, pli	4.0
	Loop Tack on stainless steel, psi	3.0
	Shear Resistance, hours, on stainless steel, (½" x ½" x 500 g)	24

<sup>1</sup>The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

## Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: [www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand, and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

## Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 4-40°C.



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