

ENCOR[®] 9144

Tackified Acrylic Polymer For Clear, Permanent and Paper Labels

Product Benefits

ENCOR[®] Latex 9144 is a coater ready, inherently pressure-sensitive, tackified acrylic copolymer emulsion product that has excellent tack adhesion on a wide variety of surfaces.

Performance Benefits

- Excellent clarity and water whiteness
- Excellent balance of peel, tack and cohesive strength
- Adhesion to low surface energy surfaces
- Excellent flow and leveling
- Easily applied by reverse gravure or Mayer Rod coaters
- High line speed capability
- Conformance to FDA 21CFR175.105

Typical Physical Properties¹

Total Solids, % by weight	50
Polymer Type	acrylic
Weight per Gallon, lb	
Latex	8.6
polymer	9.3
pH Value	8.0
Particle Size, microns	0.4
Viscosity, Brookfield, cP, #2 LVT at 20 rpm, 25±1°C	100
Glass Transition Temperature (T _g), midpoint, °C	-38

Typical Adhesive Properties²

180° Peel, 30 min dwell on stainless steel I, pli	4.5
Loop Tack on stainless steel, psi	4.0
Shear Resistance, hours, on stainless steel, (½" x ½" x 500 g)	5
180° Peel, 30 min dwell on HDPE, pli	2.5
Loop Tack on HDPE, psi	2.0

¹The physical property data listed are considered to be typical properties, not specifications. Tested on 2-mil PET backing at a coat weight of 1.6 – 1.8 g/100 in², 73° F, 55% R

²The adhesive property data listed are considered to be typical properties, not specifications.

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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

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

ENCOR® 9144 should be stored indoors in the original unopened and undamaged container, in a dry place at a temperature not exceeding 85° F (30° C). Exposure to direct sunlight should be avoided.



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