

ENCOR® 9224 LATEX

COATER-READY, HIGH-SOLIDS, TACKIFIED ACRYLIC LATEX
FOR PERMANENT PAPER LABELS



Product Benefits

ENCOR® 9224 latex is a tackified acrylic adhesive formulated for high speed slot-die coaters. This adhesive is designed for general purpose paper labels that require excellent adhesion to corrugated cardboard.

Polymer Type

Acrylic

Performance Benefits

- Good balance of peel, tack and cohesive strength
- High coating speeds
- Adhesion to corrugated cardboard
- Excellent converting properties
- Conformance to FDA 21CFR175.105

Typical Physical Properties¹

Total Solids, % by weight	56
Weight per Gallon, lb	
Latex	8.6
Polymer	9.3
pH Value	7.5
Particle Size, microns	0.4
Viscosity, Brookfield, cP, #2 LVT at 50 rpm, 25±1°C	600
Glass Transition Temperature (T _g), midpoint, °C	-38

Typical Adhesive Properties²

180° Peel, 30 min dwell on stainless steel, pli	4
180° Peel, 30 min dwell on HDPE, pli	3.5
Loop Tack on stainless steel	3.3
Shear Resistance, hours, on stainless steel, (1" x 1" x 1 kg)	>50h

Tested on 2-mil PET backing at a coat weight of 1.2 – 1.4 g/100 in², 73° F, 55% R

¹The physical property data listed are considered to be typical properties, not specifications

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



Adhesive Performance Assessment

(arbitrary scale: 5 = Best)

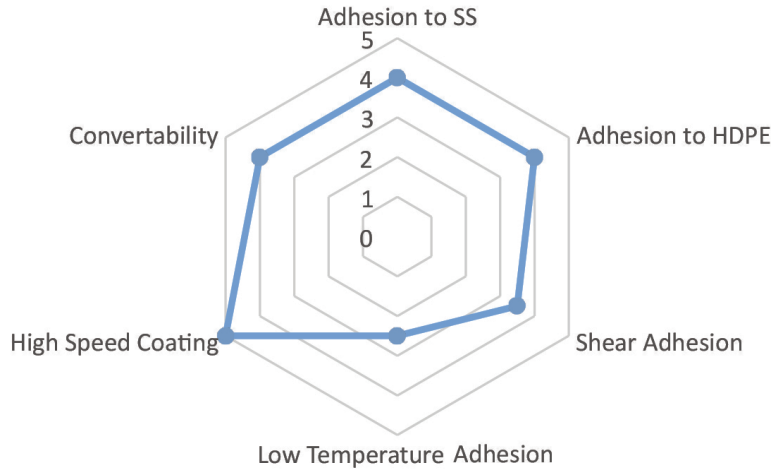


Figure 1 illustrates the balanced adhesion characteristics and superior coating speeds possible with ENCOR® 9224 latex. *

*All performance claims in any application should be independently confirmed by the user.

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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

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred.

Packaged material should be stored indoors in the original unopened and undamaged container, in a dry place. Exposure to direct sunlight should be avoided.

Avoid extreme temperatures. Do not freeze; store between 40-90°F (4-32°C).

For more details, refer to "Storage and Handling of Arkema Coating Resins Products – A Basic Guide".



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