

## Product Spotlight

# ENCOR® 9025 Pressure Sensitive Adhesive

High-solids, tackified acrylic for label applications in extreme environments

ENCOR® 9025 latex is a tackified acrylic with good adhesion to many substrates. Excellent die-cutting and converting with good shear while maintaining high peel and tack. Conforms to BS 5609:1986 Section 2 "Marine and Laboratory Performance of Label Base Materials" when coated onto suitable face stock.

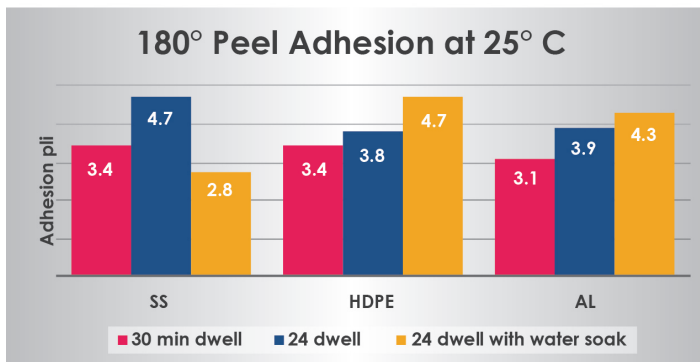
ENCOR® 9025 latex provides:

- Excellent balance of peel, tack and cohesive strength
- Adhesion to low surface energy surfaces
- High line speed capability
- Conformance to FDA 21CFR175.105
- SAFT > 185°

### Typical Adhesive Properties\*\*

180° Peel, 30 min dwell on stainless steel, pli	3.8
180° Peel, 30 min dwell on HDPE, pli	4.0
Loop Tack on stainless steel, psi	3.0
Shear Resistance on stainless steel, h (1/2" x 1/2" x 500 g)	10

\*\*Tested on 2-mil PET backing at a coat weight of 1.2 – 1.4 g/100 in<sup>2</sup> 73° F, 55% RH



Face stock: 2 Mil PET, Adhesive DFT: 1 Mil



### BS5609 Compliance and GHS

BS5609 is the British Standard for pressure sensitive adhesive labels used for marine applications. Also known as the *Marine Immersion Label Testing Standard*, BS5609 is recognized internationally as the standard labels must meet when they are used on hazardous chemical containers shipped by sea. The purpose of BS5609 is to ensure that labels remain effective, even after months floating in the sea. With proper labeling the potential for negative environmental and health effects, resulting from chemical containers lost at sea, is reduced.

### Why is BS5609 Compliance Important?

Drums, as well as other types of containers, are used to transport hazardous materials such as solvents, paint, petroleum products, chemicals, and hazardous wastes. Each of these containers must have a GHS label providing information about the contents and their associated hazards. When these containers are being shipped by sea, the GHS label must be able to survive exposure to salt water spray for extended periods of time. Because containers can be swept off ships during storms, or as the result of an accident, the GHS labels must also be able to survive immersion in salt water for up to three months, as well as abrasion resulting from contact with sand and rocks.

**BS5609 compliance means that a GHS label has been tested and proven to be able to survive in salt water for up to three months.**

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**ARKEMA**  
INNOVATIVE CHEMISTRY

Coating Resins Headquarters  
410 Gregson Dr.  
Cary, NC 27511 - USA  
Tel.: +1 919 469 6700  
1-800-777-8227

Arkema France  
420, rue d'Estienne d'Orves  
92705 Colombes Cedex - France  
Tél. : +33 (0)1 49 00 80 80  
Fax. : +33 (0)1 49 00 83 96  
[arkema.com](http://arkema.com)