

# Adhesives For RV Panel Laminating

## Reactive Hot Melt Adhesives



### Reactive hot melt technology makes panel laminating easier than ever

Whether you are constructing an entire sidewall, or just the outer panel or a door, PUR-FECT LOK® reactive hot melts adhesives from National Adhesives provide the open time and handling strength you need to assemble and immediately process your laminated panels.

- In line processing
- Less adhesive waste
- Full glue bond coverage
- Smooth panel lamination
- Reduced floor space
- Year round formulation

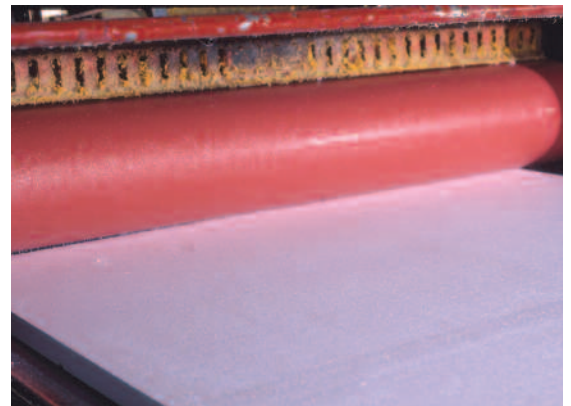
### Pioneers in RHM technology

National Adhesives have been pioneers in RHM laminating technology, with more than 15 years experience in supplying adhesives to the RV panel laminating industry. Our experts can help your line run faster, in less production space than with other types of adhesives, because you can

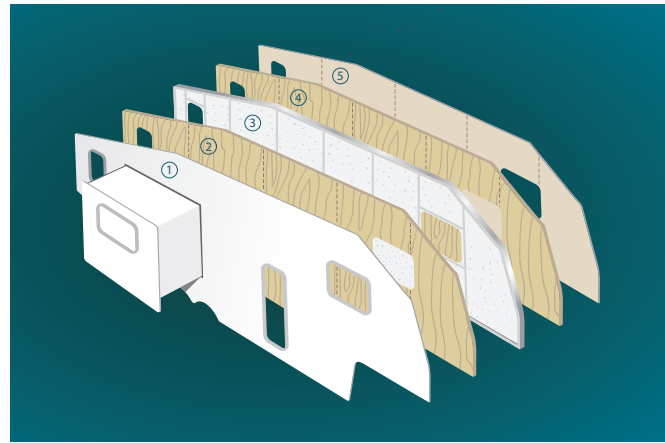
eliminate ovens or presses. Your operation can become solvent free, with no VOCs, further reducing costs.

### Consistent performance

PUR-FECT LOK® reactive hot melt adhesives also coat consistently for tight cost control over your entire shift with minimal clean up time, they run cooler than traditional hot melts as well as many other hot melt polyurethanes. Of course, with all this, our PUR-FECT LOK® reactive hot melts deliver the high strength bonds your customers require.



ABOVE: Roll coater



### Partners in the field, experts in the lab

National is not just products; it is people. Our laminating experts will team with you to find solutions to the toughest process and product issues. They will continue to explore areas of possible improvement for as long as you work with us. And they're backed by the full resources of our industry-leading research group.

ABOVE LEFT: Instron testing

ABOVE RIGHT: Typical RV sidewall lamination

- 1. FRP
- 2. Luaun
- 3. EPS foam and Aluminum tubing
- 4. Luaun
- 5. Decorative laminate

Product	Viscosity at 250F (cps)	Operating Temp	Green Strength (5=Highest)	Open Time Rating (5=Longest)	Machinability Rating (5=Best)
91-9014	14,000	250F	2	4	5
91-808A	15,000	250F	3	5	4
91-194B	20,000	250F	4	4	5
91-833B	24,500	250F	4.5	4	4
91-905A	20,000	275F	4	4	4

**If you're looking for new ways to optimize your panel laminating process, call our toll-free number: 1-800-797-4992.**



**National Starch and Chemical Company**  
 10 Finderne Avenue, Bridgewater, NJ 08807  
 1-800-797-4992 www.nationaladh.com



National Starch and Chemical Company is dedicated to meeting the needs and expectations of customers without compromising its commitment to sustainability. National Starch supports sustainability through its continuous efforts to improve the safety, health and environment of the communities in which it operates. For detailed information on National Starch's sustainability program, visit [www.nationalstarch.com](http://www.nationalstarch.com).

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to the circumstances prevailing in their business. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without the authority from the owner of this patent. We also expect purchasers to use our products in accordance with the guiding principles of the American Chemistry Council's Responsible Care® program.