



Research and Development Labs



Home of Royal Adhesives & Sealants

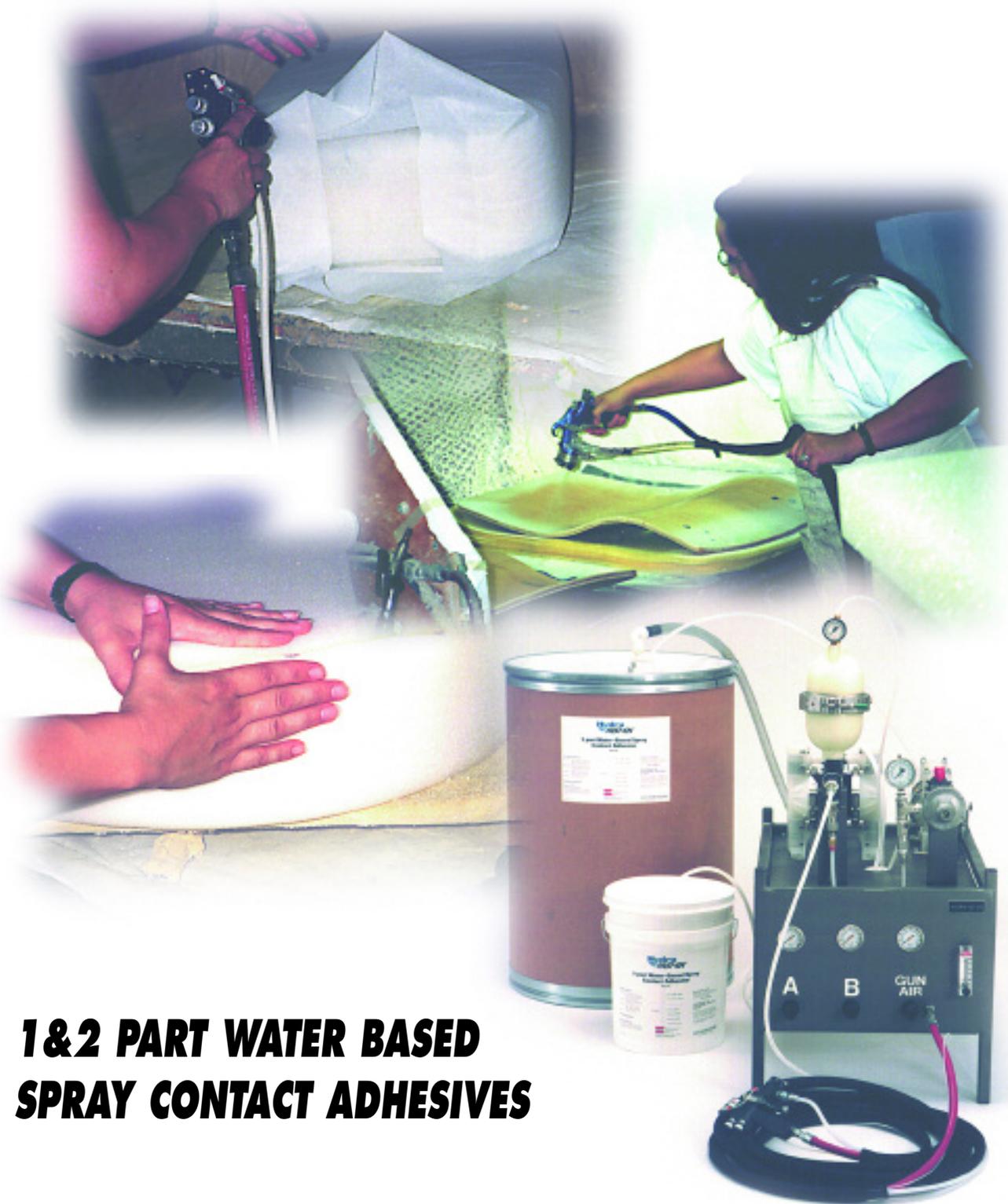
For over fifty years, Royal Adhesives & Sealants has been a leader in adhesive technology, providing superior quality and performance for the most difficult bonding applications. Our fully staffed state-of-the-art laboratory can develop custom formulations to meet any need. Testing services are also provided based upon individual requirements.



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Hydra FAST-EN[®]



**1 & 2 PART WATER BASED
SPRAY CONTACT ADHESIVES**

Hydra *FAST-EN*® water-based sprayable contact adhesives are designed to bond to any porous surface (such as open-cell foam) to a wide variety of porous and non-porous surfaces. They are suitable for use in many markets including upholstered home and office furniture and seating, carpeting and upholstering applications for transportation, RV and marine environments.

DC 12087 is designed to handle the various substrates and configurations used by this furniture manufacturer to assemble a seat back.



Polyurethane foam to itself



Dacron to polyurethane foam



Muslin to Dacron



Muslin pinched and bonded to itself



Hydra *FAST-EN*® contact adhesives are non-VOC products that allow the user to reduce or eliminate health or environmental safety and reporting concerns associated with flammable solvent systems.



M6187 provides the immediate bondability required by this manufacturer of an RV sofa.



Instant bonding and excellent green strength is provided here to maintain contact of the foam to the wood in this waterfall edge seating application.



Hydra FAST-EN ad tough-to-bond surf polypropylene shel polyurethane foam

Hydra
FAST-EN®



Major RV OEM Using a Portable HYDRA 55 to Spray M6187 to bond wood to foam for headliners and (below) foam and fabric to a metal seat boxspring



Adhesives can handle various surfaces like the wood being bonded to the metal for this boat seat.



Engineered tote system for foam fabrication

What sets Royal Adhesives & Sealants apart from the rest is the fact that we provide you with a complete system. Besides the actual adhesive we can engineer a process that includes a delivery system (permanent or mobile installation) to get it from the package to your parts. One phone call for everything.

Standard packaging for Hydra FAST-EN includes pails, drums and totes.



Fabrication stations with gun drop panels off of master tote system



In an extremely demanding application for a water-based adhesive, M6187 is used to bond 3 pieces of different density foams to the edge of a wood seat frame.



1 or 2 gun portable HYDRA 55 on mobile cart