

# Royal Adhesives and Sealants

## **Silaprene®** Solvent-Based Adhesives / Sealants & Caulks



# Silaprene Product Line by Polymer

- Neoprene
- EPDM
- Nitrile
- Urethane
- Kraton
- SBR / SIS
- Specialty Polymers



# Solvent Systems Used in Silaprene Adhesives & Sealants



- Toluene
- Acetone
- MEK
- Textile Spirits
- Hexane
- Heptane
- N-Propyl Bromide
- Propyl Acetate
- Specialty Solvents



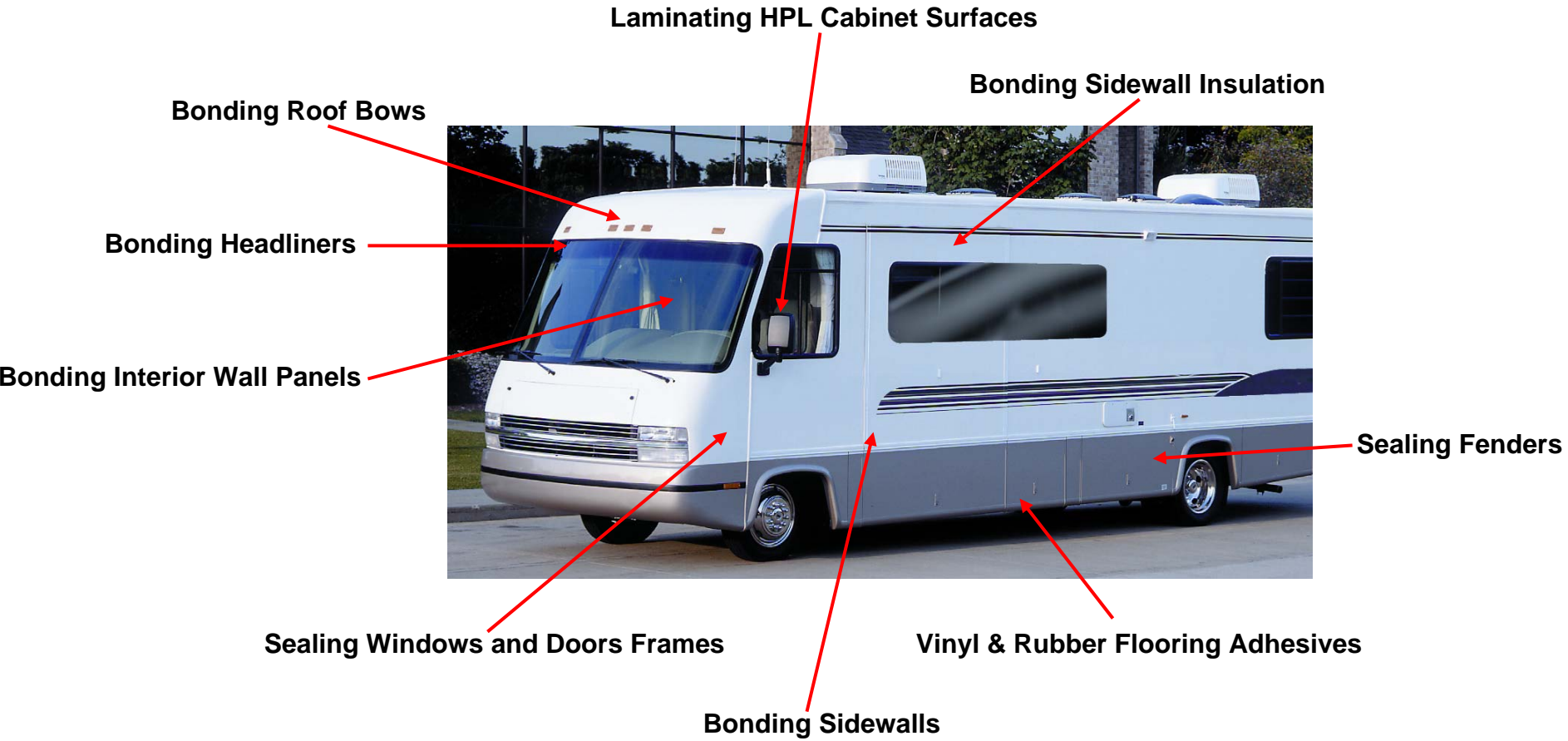
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# Silaprene Adhesive Systems

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- **Flammable**
- **Non-Flame**
- **HAPS Free**
- **Low VOC**
- **Cal Complaint Formulas**
- **Custom Formulations**

# Typical Uses in Recreational Vehicles



# Silaprene Markets

- **Foam Fabrication**
  - Furniture
    - Home & Office
- **Transportation**
  - Truck / Trailer OEM & Repair
  - Specialty Vehicle
- **RV**
- **OEM Garage Door Manufactures**
- **Aerosol**
- **HVAC**
- **Marine**
- **General Assembly**



# Royal Adhesives and Sealants

## Hydra *FAST-EN*® Water-Based Adhesives



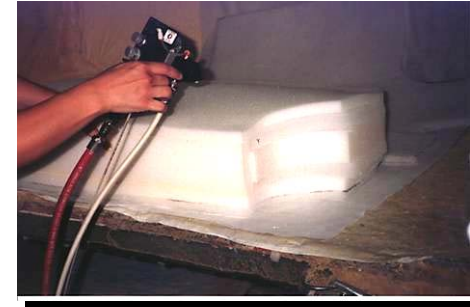
# Types of Hydra *FAST-EN* Adhesives

- **Neoprene**
  - 1&2-part systems
- **Urethane**
  - 2-part systems
- **Natural Latex**
  - 1-part system
- **SBR**
  - 1-part system
- **Acrylic**
  - 1-part system
- **Custom Blends & Formulations**
  - 1&2-part systems

# Hydra *FAST-EN* End Use Markets

- **Foam Fabrication**

- Bedding
- Furniture
  - Home & Office



- **Transportation**

- RV
  - Specialty Vehicle
- Automotive
- Truck OEM



- **General Assembly**

- **Marine**

- Headliners, Seating & Carpet bonding



# Substrates Bonded by Hydra *FAST-EN* Adhesives



- **Foams**
  - Hi, Medium & Low Density
  - Specialty Foams
    - Memory
    - FR loaded foams
- **Fabric / Dacron / Muslin**
- **Leather**
- **Wood / Paper / Cardboard**
- **Plastics / FRP**
- **Metals**
- **Vinyl's**

# Hydra FAST-EN Equipment

- **Hydra 55**
  - 1-gun to 12-guns set-ups
- **Portable Hydra 55**
  - 1 & 2 gun units
- **Gravity Feed Systems**



Hydra 55



Portable Hydra 55



Custom Engineered Tote System