

Application Instructions for Av-DEC® SpraySeal®

NOTE: Read this specification completely before sealant application; please contact Av-DEC® with questions or concerns.

I. Surface Preparation

- Inspect surface areas that will contact the Av-DEC® sealant materials for corrosion and take corrective action based upon current maintenance manual requirements.
- Remove any previously applied adhesives or sealants.
- Surfaces that will come in contact with the Av-DEC® sealant material shall be wiped with a clean, solvent dampened cloth, followed immediately by wiping with a clean dry cloth to remove any remaining paint, dust, oil, grease, fingerprints, and other contamination prior to the Av-DEC® sealant material installation.

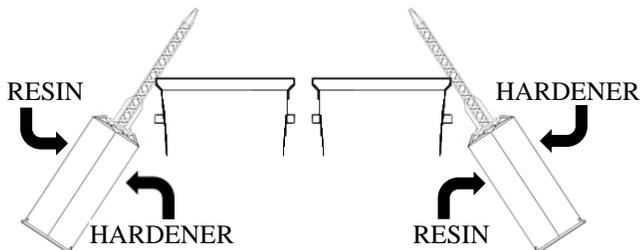
II. Initial Set-up

- Check the expiration date on the outer packaging to ensure that the material has not exceeded the shelf life.
- Ensure that gloves, safety glasses and dust mask are worn.
- Remove cartridge cap by twisting counter clockwise and discard.
- Attach mixing straw (provided) to cartridge by inserting over cartridge tip and twisting locking nut clockwise until locked.
- With the pistons of the sealant dispenser (Av-DEC PN UG981108-03 or equivalent) fully to the rear, insert the dual cartridge into the sealant dispenser until it clicks into place.
- Connect the air hose to the nozzle of the mixing straw by pressing it into the quick disconnect fitting.
- Connect the air supply at the bottom of the sealant dispenser. Air supply should provide 50-100 psi of dry air.

III. Priming Procedure

PROPER PRIMING IS CRITICAL FOR PRODUCT PERFORMANCE!

- Set the fluid level to "5" and the air level to its lowest setting.
- Over suitable waste container, with mixing straw pointing upward at a 45° angle and resin side over hardener side, prime mixing element by dispensing 3 seconds of sealant to remove air bubbles from the cartridge.



- Keeping the mixing straw pointing upward at a 45° angle, rotate the cartridge 180° so that hardener side is over

resin side and dispense three more seconds of sealant into the waste container to remove air bubbles from the opposite side of the cartridge.

- Verify that the cartridge is bubble free and repeat steps B and C as needed.

IV. Dispensing Procedure

- Dispense sealant **immediately**, as sealants can begin to gel inside the mixing straw. If dispensing is halted, and the material has begun to gel in the straw, use a new mixing straw and prime per steps III.A through III.D.
- Adjust the air level to the "3" setting and the fluid level to the "5" setting. If the spray generates too much mist, then reduce the air level. If the spray splatters and is not smooth, then increase the air level. **NOTE:** Small adjustments to the air level will make a dramatic difference.
- The sealant dispenser nozzle should be kept perpendicular to the surface and 1 foot away from the part.
- Sweep the nozzle smoothly across the surface at approximately 1 foot per second.
- For best results, spray the entire area without stopping.
- If applying multiple coats, wait 8 to 14 minutes between coats.
- Discard any unused sealant by dispensing sealant through mixing straw or hand-mixing prior to disposal.**

Discard cartridge if removed from original package more than 24 hours.

V. Cleanup Procedure

- To release plunger, press the red piston release button on the bottom of the sealant dispenser grip until the plungers reach the back of the dispenser.
- Disconnect the air hose from the nozzle of the mixing straw by pressing the quick-disconnect on the fitting and pulling the air hose free.
- Lift cartridge out of dispenser. Discard cartridge according to standard shop procedures. If partial cartridge is to be reused, leave mixing straw in place to prevent moisture absorption.
- Wipe any sealant from dispenser. Suitable solvents include isopropyl alcohol, Skyclean™, or Citra-Safe™.

VI. Reuse Procedure

- Reuse partial cartridge within 24 hours only.**
- Remove previously used mixing straw by twisting locking nut counterclockwise, remove and discard according to standard shop procedures. Press the trigger until the plungers rest against the back of the cartridge pistons. **Repeat steps II.D through III.D.**