



ARLON

## ► Mixing Application Fluid

Application of pressure-sensitive material to flexible signface material, plastic sign faces and glass often requires the use of application fluid. Use the least amount of fluid needed to achieve repositionability. Be absolutely sure that all the wetting agent is removed from between the vinyl and the signage substrate. If any application fluid remains, bubbling will likely occur later. Also, be sure to allow enough time for good adhesion to build before removing the application tape.

1. Nozzle pressure should never exceed 1,300 PSI.
2. Water temperature should never exceed 140°F (60°C).
3. Nozzle tip should never be closer than five feet from the graphics.
4. Angle of water spray should be no shallower than 60° from perpendicular. Keep the nozzle spray pattern perpendicular to the overlapping direction.
5. Detergent solutions should always be blended with water at the correct ratio and pH (between 6 and 8). A more concentrated solution can damage both the adhesive and vinyl.
6. A post-washing, fresh-water rinse will help maintain the life of the paint and vinyl.

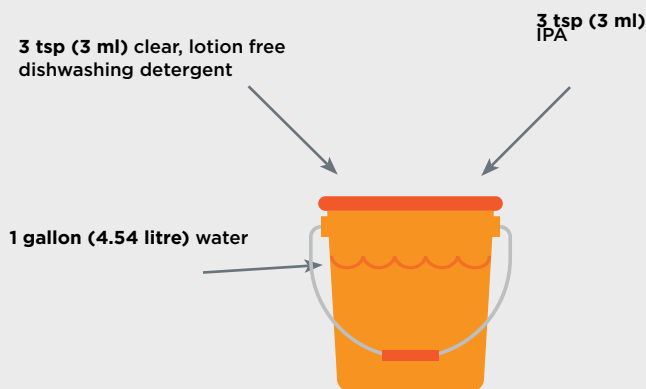


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### MIX UNTIL SOLUTION IS UNIFORM



*Several commercial application fluids are available from sign supply distributors. Although Arlon recommends using commercially made application fluid, many shops find they can get along with home recipes. One blend commonly used by shops preferring to mix their own is listed below. The primary reason Arlon does not recommend the use of homemade solutions is due to the wide variability of liquid detergents on the market.*

*NOTE: Not all application fluids (even commercial brands) result in optimal adhesive bond. The user assumes the responsibility to test all application fluids prior to installation to ensure successful film performance.*

### RECOMMENDED OFF THE SHELF APPLICATION FLUIDS:

- Rapid Tac

December 2016