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## Product Description Sheet Loctite® External Mix Assembly

Part # 1095801

North American Engineering Center, December 2007

### PRODUCT DESCRIPTION

The Loctite® External Mix Assembly, item # 1095801 is designed for positioning two (2) separate dispense valves (sold separately) in proper alignment for high-speed dispensing of a 2-part, externally mixed adhesive without the use of a static mix nozzle. Currently Loctite® 3060 is an example of the adhesive that requires this External Mix Assembly unit for dispensing. Each part of the acrylic adhesive (Part "A" and Part "B") is loaded into separate reservoirs that will deliver the adhesive component to each separate dispense valve. Upon activation of a start signal (external or footswitch), both valves open simultaneously and the adhesives are dispensed downward forming a stream of adhesive. The design of the Assembly is such that it allows for easy positioning of the valves to ensure proper alignment over the desired location.

The Loctite® External Mix Assembly has an incorporated needle tip locator which aids in aligning dispensed product streams while reducing effects of minor impacts to tip alignment. Three pairs of bushings (14, 15, & 18 gauge) are included for use in the tip locator to accommodate 1" or 1½" long stainless steel dispense tips for further dispense precision accuracy. Loctite® Stationary Applicator Valves 97113, 97114 or 986300, or 982621 can be used with the Loctite® External Mix Assembly by using the two mounting fixture brackets included.

### PRODUCT FEATURES

- Easy adjustment of tip locations using ¼" hex wrench.
- Two ¼" mounting holes for mounting in assembly station.
- Tip locator to ensure proper alignment of product streams.

### TECHNICAL DATA

- Weight: 3.0 lbs.
- Dimensions: 10.75" W X 8.38" H X 3.63" Deep



External Mix Assembly shown w/optional Valves (97114) and Stainless Steel Tips.

### Loctite® brand Accessories (not included):

- Stationary Dispense Valve, (1/4" Feedline), P/N 97113, for adhesives up to 15,000 cPs viscosity.
- Stationary Dispense Valve, (3/8" Feedline), P/N 97114, for adhesives with viscosities between 15,000 and 80,000 cPs.
- Stationary Poppet Valve w/Delrin body, P/N 986300, for medium to high viscosity anaerobic gasketing products and structural acrylics.
- Stationary Poppet Valve w/Stainless Steel body, P/N 982621, for high viscosity silicones, modified silanes, and abrasive gasketing products ranging from medium to high viscosity.
- Integrated Semi-automatic Dispenser; 0-100 psi w/o low level sensor; P/N 97007
- Integrated Semi-automatic Dispenser; 0-100 psi w/low level sensor; P/N 97017
- Dual wire foot switch assembly to actuate both Integrated Semi-automatic Dispensers simultaneously; P/N 1095798.
- Bond-A-Matic Reservoir; 0-100 psi w/o low level sensor; P/N 982727



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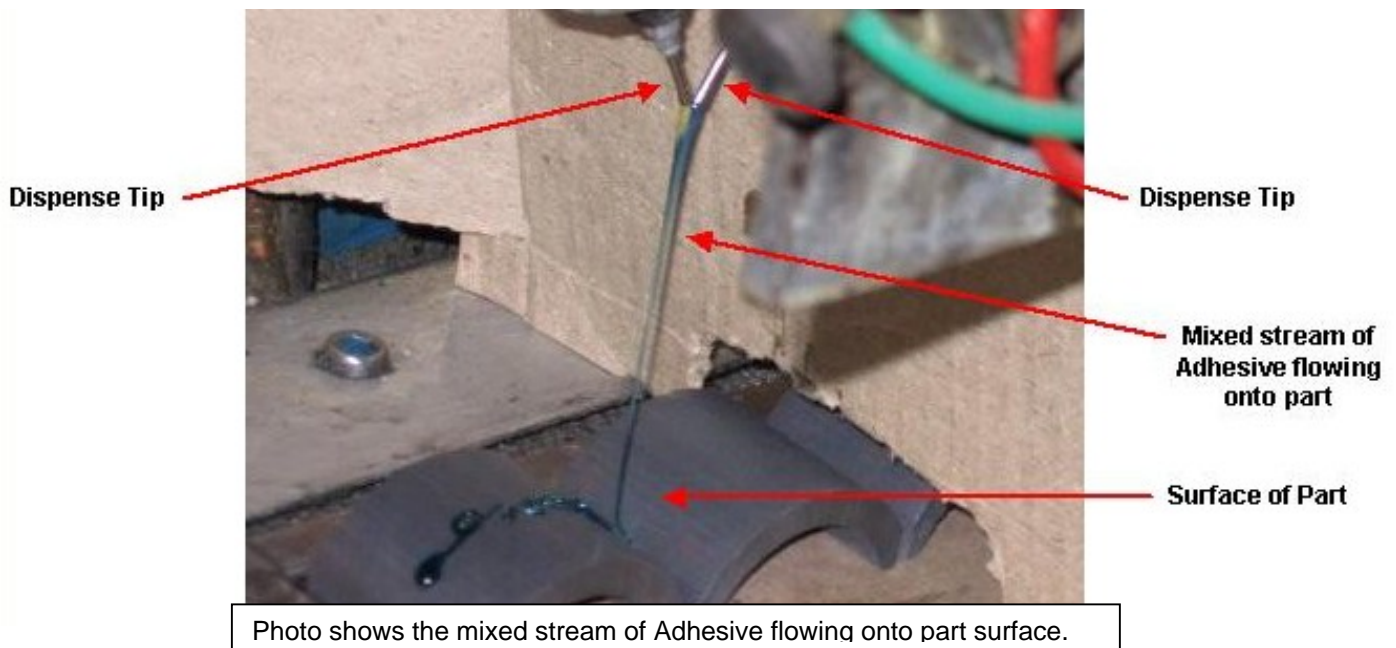
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### Loctite® brand Accessories continued (not included):

- Stainless steel tips; 1" long; 14 gauge; P/N 98216. (50 pk)
- Stainless steel tips; 1" long; 15 gauge; P/N 98218. (50 pk)
- Stainless steel tips; 1" long; 18 gauge; P/N 98222. (50 pk)
- Stainless steel tips; 1.5" long; 14 gauge; P/N 98163. (50 pk)
- Stainless steel tips; 1.5" long; 15 gauge; P/N 98165. (50 pk)
- Stainless steel tips; 1.5" long; 18 gauge; P/N 98167. (50 pk)



### Spare Parts:

- Needle bushing; 14 gauge; P/N 8901425
- Needle bushing; 15 gauge; P/N 8901426
- Needle bushing; 18 gauge; P/N 8901427