



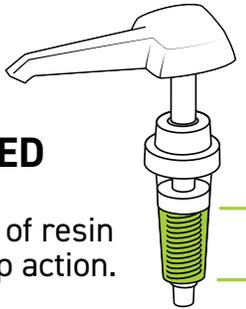
# Penetrating Epoxy Pump Instructions

## CALIBRATED DISPENSING PUMPS

Dispense one full pump of Part A, Resin and one full pump of Part B, Hardener for a perfect ratio!

### UNSTICKERED PUMP

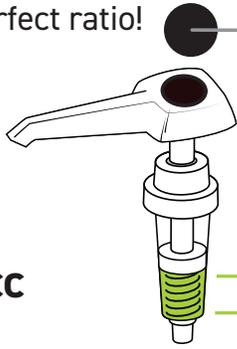
dispenses 20cc of resin per single pump action.



20cc

### STICKERED PUMP

dispenses 10cc of hardener per single pump action.



10cc

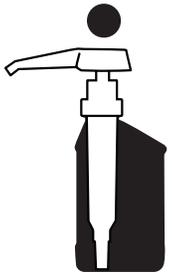
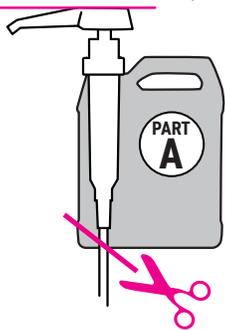
Place pump directly over illustration.

ONE PUMP OF RESIN + ONE PUMP OF HARDENER = CORRECT MIX

## STEP 1: PUMP SET UP

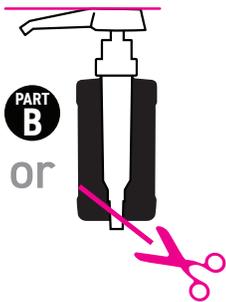
### 1.5 QUART KIT NOTE: Bottle shapes may vary.

#### QUART



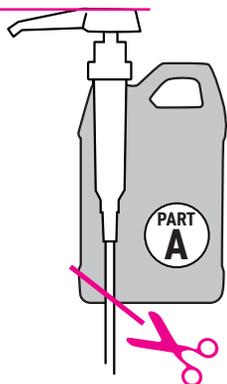
No cutting needed.

#### PINT

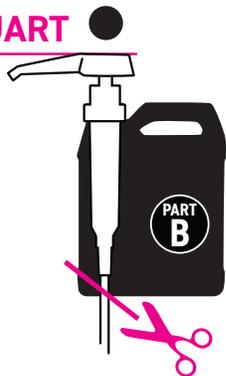


### 0.75 GALLON KIT

#### 0.5 GALLON

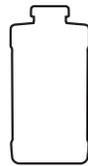


#### QUART



### PUMP TUBE CUTTING TEMPLATE

Place pumps directly over the pump illustration. Select dashed cutting line for each bottle size in your kit. Trim excess at a slight angle. Insert pump in bottle.



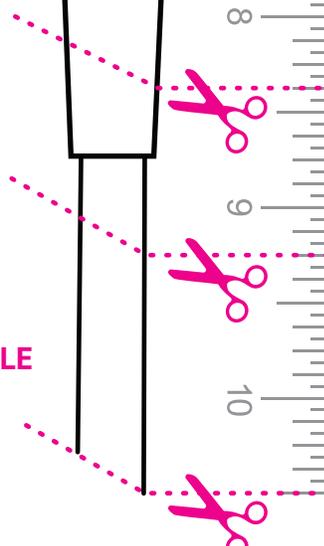
**PINT BOTTLE**  
Trim pump at 8 3/8 inches



**QUART BOTTLE**  
Trim pump at 9 1/4 inches

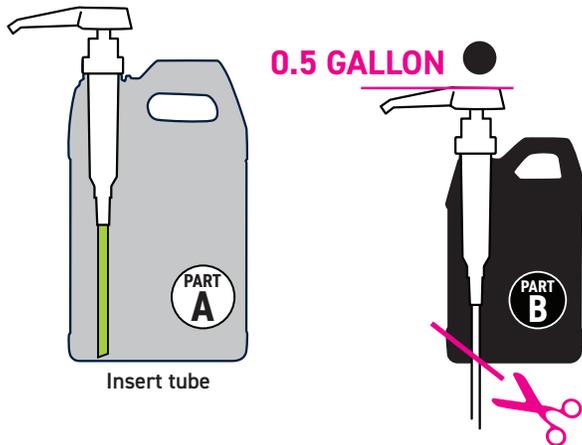


**0.5 GALLON BOTTLE**  
Trim pump at 10 1/2 inches



## STEP 1: PUMP SET UP (CONT.)

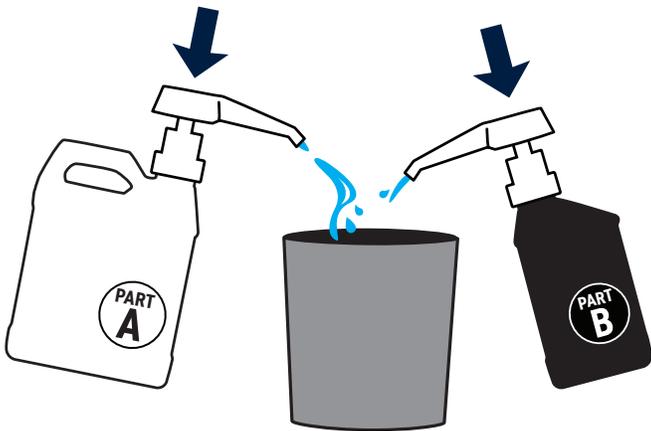
### 1.5 GALLON and 3 GALLON KITS



Insert extension tube into the unstickered pump and attach to the bottle of Part A. Insert the other extension tube in stickered pump and trim as indicated on the Pump Tube Cutting Template. Attach to bottle of Part B. For the 3 Gallon Kit, save and reuse pumps when bottles are depleted.

## STEP 2: PRIME YOUR PUMPS

Twist the stickered pump to open the pump head. Before dispensing, pump material into an appropriate waste container until you get a steady stream of liquid. Mix waste material and dispose of it properly.



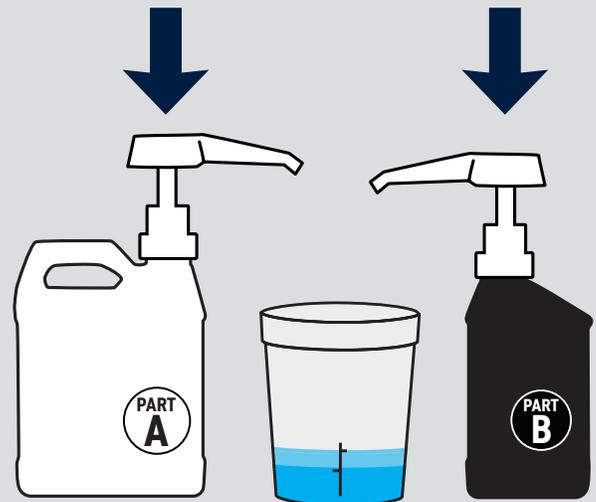
## STEP 3: DISPENSE

Prepare in small batches for less waste and maximum working time.

Only dispense as much epoxy as can be used in 10-20 minutes.

Dispense an equal number of resin and hardener pumps into a clean, dry container that is appropriate for mixing epoxy.

## ONE PUMP + ONE PUMP



= CORRECT MIX



## STEP 4: MIX

Mix THOROUGHLY for 2-3 minutes. Take care to scrape the sides and bottom of the container to blend the mixture completely.

## NOTE: MIX RATIO WITHOUT PUMPS

If you choose not to use the calibrated dispensing pumps, use a TotalBoat Epoxy Mixing Cup to measure 2 Parts A: 1 Part B by volume.



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