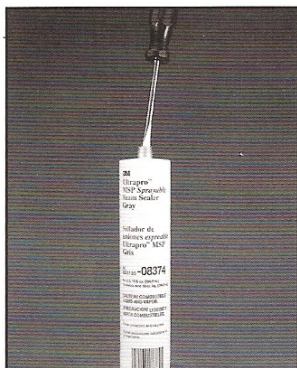


# ANI Sprayable Seam Sealer Applicator Gun, PN 08400

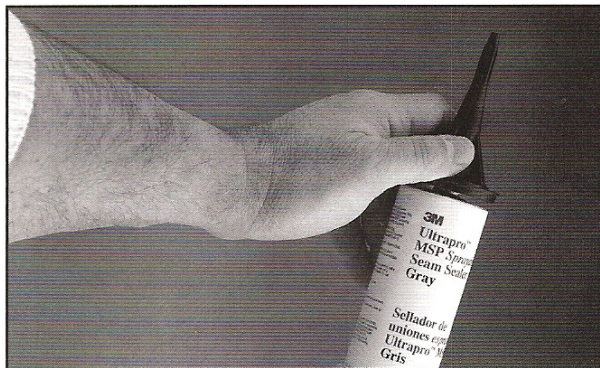
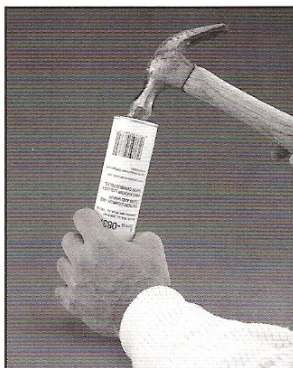
## Instructions For Use







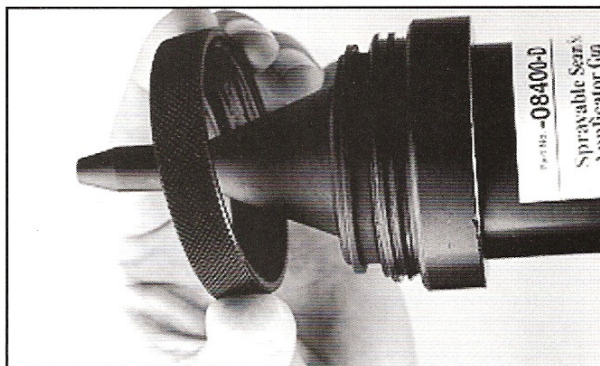
1. Puncture seal in spout and knock out bottom end seal.



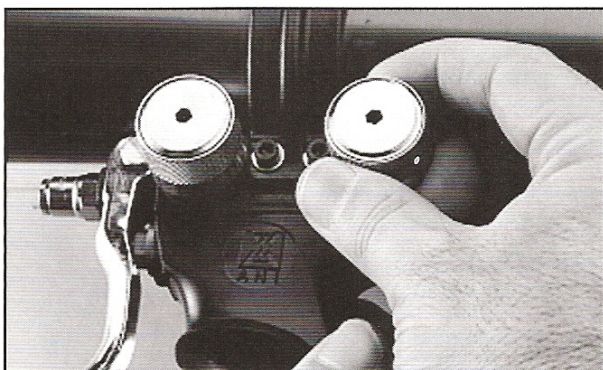
2. Screw on plastic inner nozzle to cartridge.



3. Insert cartridge into applicator gun.

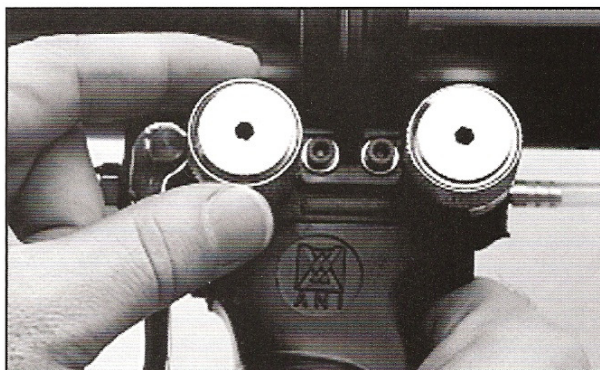


4. Place black exterior nozzle over inner nozzle.  
Replace threaded retaining collar on applicator.



5. Attach air supply to applicator.

6. Adjust blue back valve (piston pressure valve) to dispense sealer.



7. Adjust red front valve (air atomization valve) to adjust spray pattern.

Note: After spraying, pull trigger slightly to purge nozzle with air.

Clean both inner and outer nozzles after each use.

**Warning: Never exceed 90 psi (6 BAR) when using Sprayable Seam Sealer Applicator.**

Applicator guns available from:

**DIRECTTech**

**1-800-877-9344**



# TECH TIP SHEET

## 3M™ ULTRAPRO™ MSP SPRAYABLE SEAM SEALER (PN 08364 and 08374)

### Nozzle Purging

A characteristic of the 3M™ Ultrapro™ MSP Sprayable Sealant and the ANI Sprayable Seam Sealer Applicator Gun is that some sealant continues to flow out of the nozzle after the trigger is released. In order to control this flow of sealant, a purging method to remove the excess sealant in the nozzle was developed. The correct purging method is as follows:

1. Do not change the plunger or air atomization pressure settings that were used during the application of the sealant.
2. Squeeze the ANI Sprayable Seam Sealer Applicator Gun trigger to approximately 1/3 the distance of the full trigger action, using two (2) fast, short strokes. Only air should come out of the nozzle. This will clear the outer nozzle of sealant.

**Caution:** During the purging cycle, the plunger pressure (red valve) must be **SET AT ZERO** and the air atomization pressure (blue valve) must be **SET LOWER THAN 4**. If pressure is set higher than 4, the procedure will create back pressure and cause the plunger in the cartridge to reverse discharge sealant into the gun barrel. It will also cause applicator gun failure and void the manufacturer's warranty.

### Pressure Valve Settings

Technicians will need to adjust pressure settings and vary nozzle tip distances from the surface in order to achieve the desired appearance of a bead, sprayed seam and coating. The air line pressure to the ANI Sprayable Seam Sealer Applicator Gun should be controlled via a pressure regulator and operated in the range of 50-90 psi. **DO NOT EXCEED 90 PSI.**

When the applicator gun pressures and the distance from the surface are adjusted appropriately, no overspray is observed. If overspray is experienced, check the air pressure to the gun. The following pressure valve settings are listed as general guidelines for producing the desired patterns.

#### Beads

Adjust blue valve (plunger air pressure) to:

Narrow bead                      3-4

Wide bead                         5-6

Heavy bead                        7-8

Adjust red valve (air atomization) to "0"

#### Sprayed Seam

Adjust blue valve to 5

Adjust red valve to 2.5-3

\* Spray at a distance of 6-10 inches from the surface to minimize overspray.

#### Coating

Adjust blue valve to 5

Adjust red valve to 3-4

\* Spray at a distance of 6-10 inches from the surface to minimize overspray.

## Nozzle Cleaning

Immediately after each use, clean both inner and outer nozzles.

In preparation for spraying 3M™ Ultrapro™ MSP Sprayable Seam Sealer, always check both nozzles to ensure that cured sealant is not blocking the nozzle orifice or within the nozzle tip. Remove cured sealant blockage using a heavy gauge wire, e.g. clothes hanger.

Some signs that cured sealant is blocking or partially blocking the nozzle are:

**1. Symptom—**The sealant will not spray or caulk.

**Solution:**

- a. Wear eye protection
- b. Disconnect air supply
- c. Turn both knobs to “1”
- d. Point tip in safe direction
- e. Squeeze trigger two or more times
- f. Insert stiff wire 2 inches into tip to unclog
- g. Turn both settings back to “0” before reattaching air

**2. Symptom—**The sprayed seam pattern is narrow and distorted.

**Solution:**

Remove the black outer nozzles and check for cured sealant along the inside walls of the nozzle. Remove the cured sealant using a heavy gauge wire.

## Paint Window

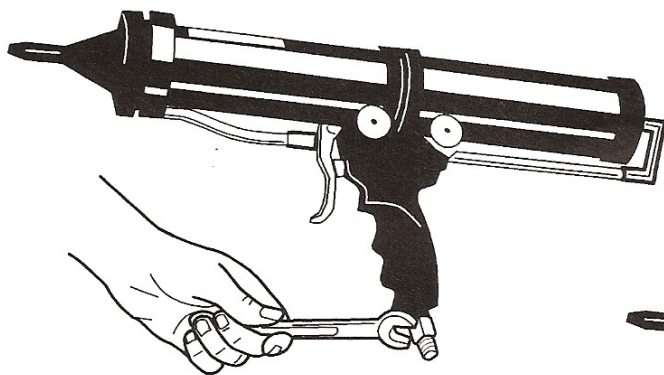
3M™ Ultrapro™ MSP Sprayable Seam Sealer, PN 08364 and 08374, provide excellent paint adhesion for up to 72 hours prior to application of automotive paint systems. Scuffing the sealant with Scotch-Brite™ Scuff Pad is not necessary or recommended, especially for sprayed seams or coatings. 3M™ Ultrapro™ MSP Sprayable Seam Sealer may be painted immediately after application (in thickness up to 1/4 inch). Most competitive sprayable products must be painted within the first few hours of application to provide adequate paint adhesion.

# ANI Sprayable Seam Sealer Applicator Gun P.N. 08400

**CAUTION** - When attaching air regulator or hose chuck to Applicator Gun handle, it is important to use two wrenches.

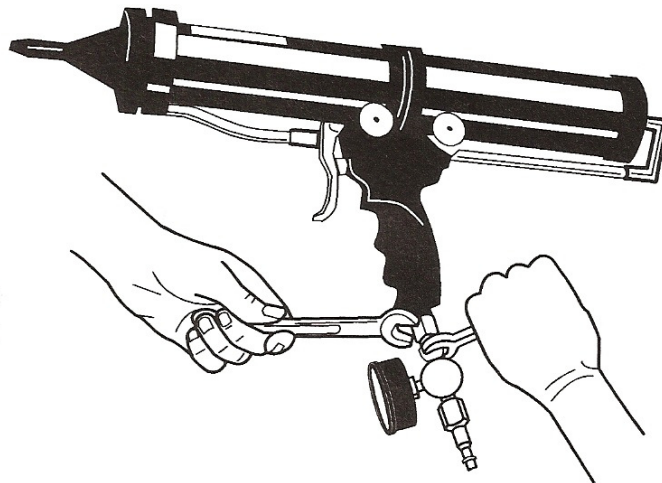
*Using only one wrench to attach air fitting or hose chuck will allow the Applicator Gun handle fitting to turn with the attachment fitting on the valve mechanism. This will cause extensive damage, rendering your new gun inoperable and requiring extensive repairs.*

If at any time you remove and replace the air regulator or hose chuck, **you must use two wrenches.**



## DIRECTIONS:

Secure upper fitting (Applicator Gun handle fitting) with one wrench before attaching air regulator or hose chuck with the second wrench.



Use the second wrench to torque the air regulator or hose chuck making sure that the first wrench maintains a steady hold on the upper fitting.

**3M**

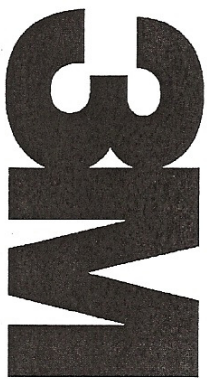
Automotive Aftermarket Division

3M Center, Building 223-6N-01  
St. Paul, MN 55133-3225

3M is a trademark of Minnesota Mining and  
Manufacturing Company.

© 3M 1997  
34-9997-4822-0

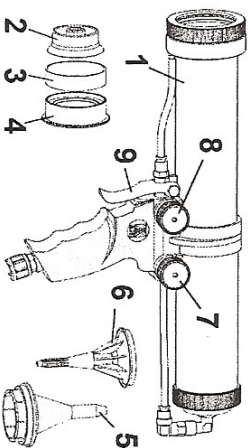




# Applicator Gun P.N. 08400

## ANI UNIVERSAL SPRAY GUN FOR SINGLE COMPONENT SEALANTS

This revolutionary system allows the application of all kinds of single-component sealants (in aluminium, plastic or carton cartridges as well as in bags), it sprays the product in various finishes, creates ridges of various widths on doors and bonnets, applies sealants for fitting windows.

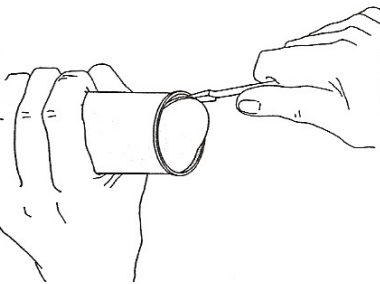


### Standard equipment contained in the box:

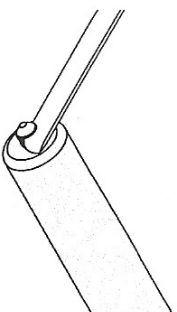
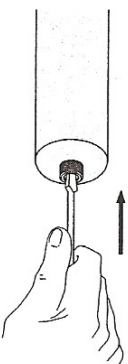
- 1) Compressed air gun (max 8 bar).
- 2) Nylon piston for sprayable products in bag.
- 3) Adapter for bags.
- 4) Adapter for applying specific products for ridges and sealing adhesives.
- 5) External nozzle for clean spraying (Renault type).
- 6) Internal nozzle for screwing onto the cartridge.

### Inserting the cartridge of sprayable single-component sealant

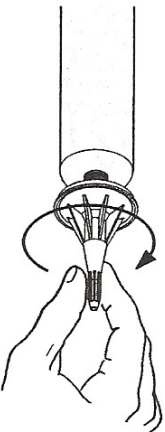
- 1) Remove the cover of the bottom of the cartridge with the salts it contains.



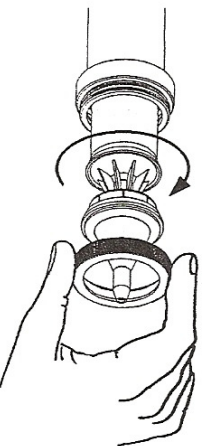
- 2) Break the membrane to let the product come out.



- 3) Screw the nozzle (6) onto the cartridges and fit it inside the gun after removing the front ring-nut.



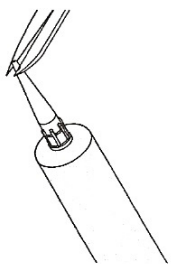
- 4) Put the external nozzle on the gun and lock it in place.



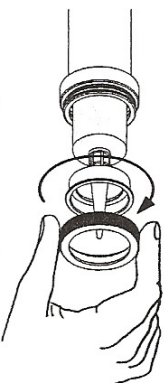
### Inserting the cartridges of sealants and adhesives for windows

(See points 1 and 2)

- 5) Cut the nozzle fitted on the cartridge to suit your requirements.

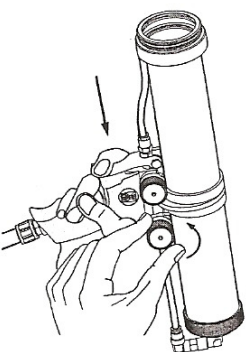


- 6) Put the cartridge onto the adapter (4), insert the whole cartridge in the gun and tighten the ring-nut.

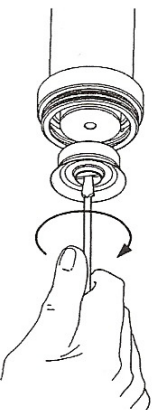


### Bagged products

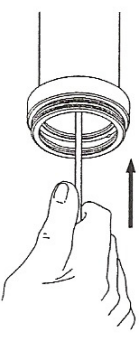
- 7) Connect the gun to the compressed air and pull the lever (9) opening the regulator (7) to bring the piston inside the gun forward to the end of its stroke.



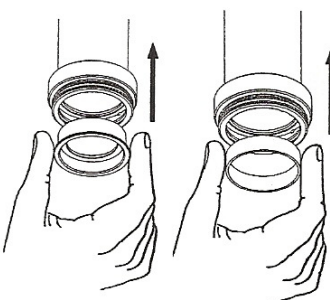
- 8) Using a screwdriver, screw the nylon piston (2) onto the head of the internal piston.



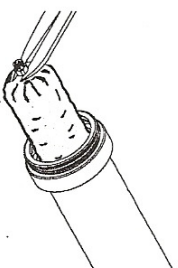
- 9) Push the internal piston back with the screwdriver.



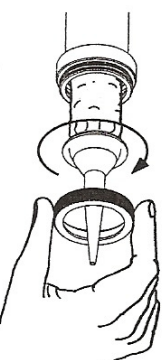
- 10) Fit the adapter (3) or (4) on the front part of the gun. (It is possible to fit the adaptor (4) upside-down according to the type of nozzle.)



- 11) Cut the bag following the manufacturer's instructions and insert it in the gun.



- 12) Fix the nozzle provided with the bag with the ring-nut.



### INSTRUCTIONS FOR USE

Connect the compressed air at a pressure of about 6 bar for normal products, 9 bar for sealants for windows. Close both the pressure regulators (7 and 8), turning them in a clockwise direction.

#### Ridges

Pull the lever (9) and gradually open the regulator (7) so as to obtain ridges of the desired consistency.

#### Partial measurements and paintwork

Various partial measurements may be obtained by slightly opening the regulator (8). If the regulator is opened further, finishes with various grain may be obtained as required.

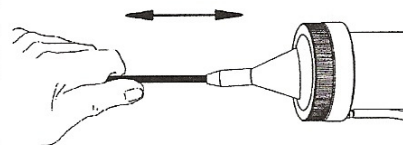
**IMPORTANT: DO NOT WORK WITH THE GUN WITHOUT THE CARTRIDGE, YOU COULD DAMAGED THE PISTON !**

**IMPORTANT: Please read these instructions carefully to ensure the safe and effective use of this tool..**

#### SAFETY ADVICE

Never direct a jet of air at people or animals. Do not point this gun at any other person. Always wear eye protection. Take advice from the manufacturer of the material you are spraying with this product and wear an appropriate face mask, use skin protection. Do not spray when other people are in the vicinity and do not allow children anywhere near your spraying equipment. Check the air pressure you are using is suitable for the product and the material to be sprayed and do not connect the airlines until you are absolutely ready to commence work. Check the air pressure is no more than 10 bar (140 Psi). Do not spray in enclosed areas and maintain good ventilation.

**CAUTION: Take off the cartridge after use even if it is not empty. Keep inner nozzle (pos. 21 - white colour) and outer nozzle (pos. 19-20 black colour) always clean. Before using the gun ensure that cured sealant is not blocking the nozzle orifice. If cured sealant is blocking the nozzles do not remove them until they have been both cleaned by cured sealant with heavy gauge wire and until the product starts flowing out of the nozzles.**



**N.B. A blocking nozzle can cause a dangerous situation even if the gun is not connected to the compressed air.**

The list of materials used for the construction of the equipment is available on demand.

#### SPECIFICATIONS

Operational pressure: 6 ÷ 8 bar ( 87 ÷ 116 Psi )

Air consumption: 220 l/min ( 7.8 CFM )

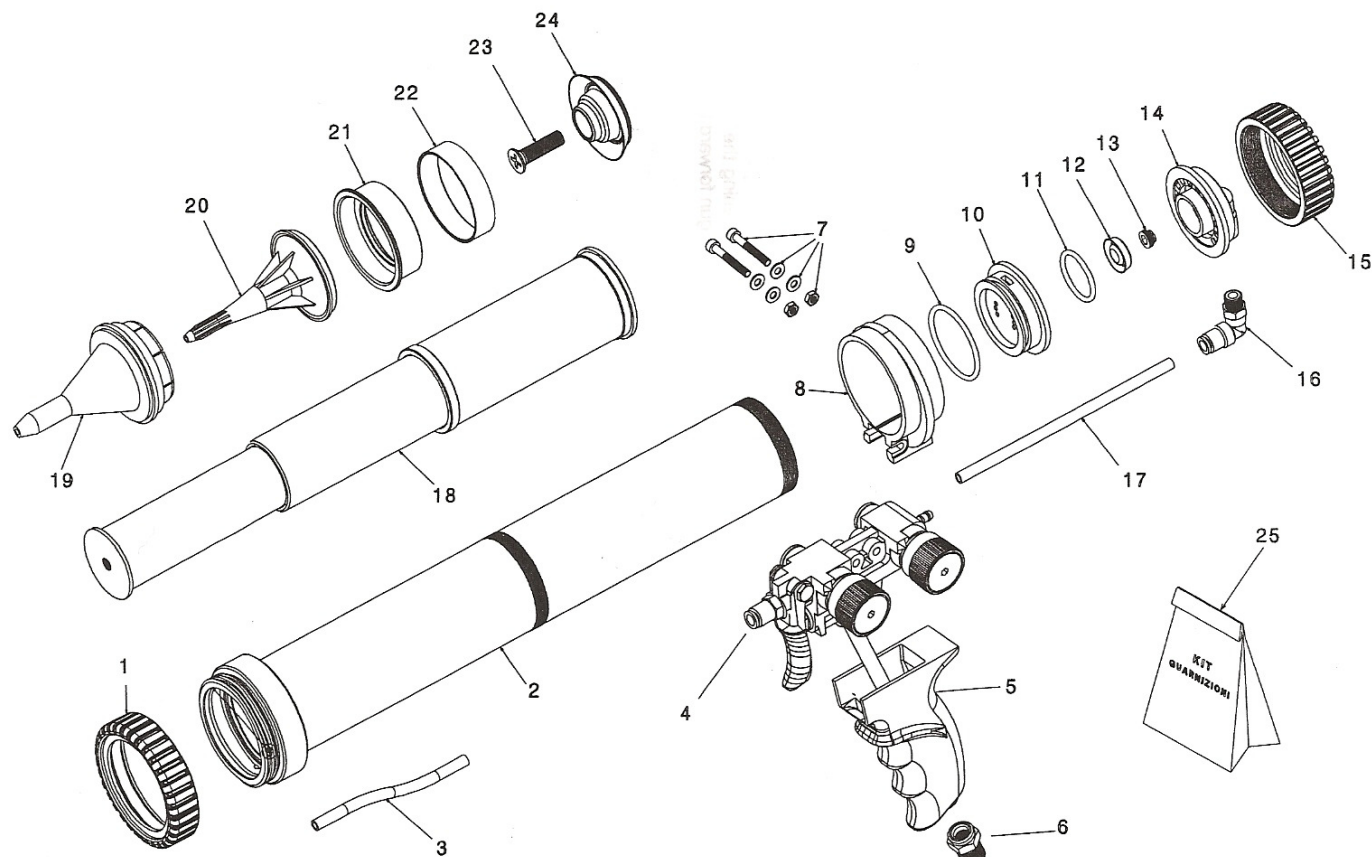
Weight: 1.240 Kg ( 2.737 lb )

Max. pressure: 8 bar ( 116 Psi )

Max. noise level: 70 dbA

Dimensions: 395mm X 220mm ( 15.55 inch X 8.5 inch )

#### PARTS BREAKDOWN



Ref.	Code	Q.ty
1	BU098650	1
2	BH098936	1
3	BU098557	1
4	BH098588	1
5	BE098934	1
6	BS088329	1
7	BH098480	2
8	BE098436	1
9	BD098491	1

Ref.	Code	Q.ty
10	BE098291	1
11	BD048193	1
12	BD098458	1
13	BH098332	1
14	BE098290	1
15	BU098349	1
16	AH037402	1
17	BU098556	1
18	BH098541	1

Ref.	Code	Q.ty
19	BE098465	1
20	BE098782	1
21	BU098636	1
22	BU098476	1
23	BF098555	1
24	BE098520	1
25	BH098547	-