



## Automotive Aftermarket Division

### 3M™ 08851 One Component Sprayable Sealer in Cartridge

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#### 1) Part Numbers

08851

#### 2) Description and end uses'

Packaging: 310 ml aluminium cartridge

Note: For use with the 3M™ 08993 Universal pneumatic gun, 12 special inner nozzles (grey) and 1 black outer nozzle are supplied with the sealer in each carton.

Dispensing systems

08993 Universal pneumatic gun

08992 Pneumatic spray gun (paint type gun)

3M™ 08851 is a light grey, one-part MS moisture curing sprayable sealer presented in cartridge.

It provides a permanent firm and flexible seal. Developed to restore original spray finishes in the engine compartment, on all overlap joints in boot, on floor pans.

It can also be extruded and then brushed.

Designed for use with the 3M™ 08993 Universal pneumatic gun or the new 3M™ 08992 Pneumatic spray gun (paint type).

Key features:

- Immediately over-paintable - Wet on Wet
- Very low solvent content - no shrinkage
- No stringing, no overspray
- No isocyanates, no silicone
- No flow on vertical surface
- High final hardness
- Reproduces most of OEM spray finishes
- Excellent brushability
- Flexible as anti-chip coating
- Alcohols do not inhibit curing



## 3) Physical Properties

Base	1 part moisture curing silyl polymer
Density	1.56 ↑ 0.02
Solvent	Aliphatic
Solids content	Approx. 92%
Colour	Light grey
Tack Free Time	20 to 30 minutes
Cure through rate	3.4 ↑ 0.2 mm / 24 hours
Shore A hardness	<ul style="list-style-type: none"><li>• 20-25 after 24 hours</li><li>• 50-55 final hardness</li></ul>
Overpaint ability	Wet on wet with all paint systems
Temperature resistance	- 25°C to + 90°C
Temperature of application	+ 5°C to + 35°C
Storage conditions	Cool dry place. Best results are obtained when material is stored and applied at room temperature, 15 to 30°C. Storage temperature must not exceed 50°C.
Shelf life	9 months from date of manufacture under normal storage conditions. Refer “Lot Number” and “Best Before Date” on cartridge.

## 4) Directions for Use

- Remove all dirt, grease, old sealant and clean with 3M™ 08984 Adhesive Cleaner.
- Carefully punch in and remove the metal seal from the base of the cartridge
- Break nozzle seal on the top of the cartridge

With the 3M™ 08993 universal pneumatic gun:

- Screw on the inner nozzle (grey)
- Insert cartridge into the gun
- Place the outer nozzle (black) on the inner nozzle
- Screw-on locking cap.
- Set inlet pressure at 3-6 bars
- Adjust both spray air (red) and product flow rate (blue) regulators to get desired finish.



# Technical Data Sheet

Effective: 28/02/2020 Supersedes: 20/01/1999

Note: set spray air (red) at 2.5-3 maximum  
With the 3M™ 08992 spray applicator:

- Unscrew the grey barrel
- Unscrew the old cartridge
- Place the flat gasket to the top of the new cartridge
- Screw the cartridge onto the gun
- Screw the barrel onto the gun
- Set inlet pressure at 3-7 bars
- Adjust both product knob and spray air knob to get desired finish.

(For 3M™ 08993 Universal pneumatic gun or 3M™ 08992 paint type gun adjustments, please refer to their specific Technical Datasheets).

## 5) Storage

Store at room temperature in flammables storage area. Rotate stock on a “first-in-first-out” basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life see container for details. Use in a well-ventilated area.

## 6) Safety

Please refer to the Material Safety Data Sheet or contact your local 3M™ Toxicology Department.

3M™ One Component Sprayable Sealer in Cartridge is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

## 7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable. but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.



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