



Effective: 04/05/2017

Technical Data Sheet

Supersedes: 06/03/2001

Automotive Aftermarket Division

3M™ 08800/08823 Sprayable Sealer

1) Part Numbers

08800 250 ml bag
08823 150 ml bag

2) Description and end uses

3M™ Sprayable Sealer is a two-part product with pre-measured mixing ratio filled in a unique and convenient throw-away package. The product is dispensed through the 3M™ Pneumatic No-Clean-Up Gun.

Product highlights:

- 2 component product
- Unique system
- Excellent coverage
- Can be used as a sealer or coating
- No shrinking after baking at 60°C
- Can be overpainted with all types of paint commonly used in refinish
- Restores original hardness
- Resistant to heat (+90°C)

3) Physical Properties

Base	2K polyurethane
Part A	Accelerator contains diphenyl methane – 4,4 -
Part B	Diisocyanate
	Base contains high flash point solvents
Colour	Grey
Density	About 1.43 (once mixed)
Solids content	94%
Mixture pot life (at 23°C, 55% RH)	About 35 mins
Tack free time	At 23°C At 60°C – 3-3.30 hours 45-60 mins



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Handling time	At RT
	At 60°C – 5-7 hours About 60 mins
Covering capacity	Sprayable sealer (1-2 mm thick; 3-5 cm wide joint)
	3M 08800 (250 ml) – 3.5-6.5m
	3M 08823 (150 ml) – 3.0-5.0m
	Coating (0.3-0.5 mm thick coat)
	3M 08800 (250 ml) – 0.7-0.9m ²
	3M 08823 (150 ml) – 0.3-0.4m ²

4) Directions for Use

1. Surface Preparation:

All surfaces must be clean, dry and free from dirt, grease and oil. Metal surfaces must first be treated with an automotive paint primer.

2. Directions for use:

- a) Break the seal between parts A and B by grasping each side of part B of the pack between the thumb and index finger, making a rotating movement up. Above all, do not pull sideways.
- b) Mix the contents of parts A and B carefully by kneading the pack for about 30 seconds. Ensure that the product is properly mixed especially at compartments edges and corners.

Note: If the mixture does not feel smooth within the bag, continue mixing for a further 30 seconds

- c) Break the seal between part C and B by pulling at each side of part B just below the seal to allow the dip tube to drop to the bottom of the pack. Make sure the dip tube is straight
- d) Fix the nozzle of the pack to the 3M™ Pneumatic No-Clean-Up Gun, taking care to screw the gun pins into the nozzle by a quarter turn. Make sure the black rubber gasket is present inside nozzle
- e) Once the mixture is ready the product has a working life of 30-40 minutes
- f) Disconnect nozzle by reversing procedure in step d above
- g) Clean-up procedure – before cure overspray, if any, can be cleaned with 3M™ 08984 Adhesive Cleaner



3. Different Types of Finishes

Finishes can be varied with:

- * Air pressure
- * Application distance
- * Application speed
- * Number of coats (for coating)

a) Sprayed Sealer

Adjust the pressure from 1.5 to 2.5 bar. Spray from 3-5 cm from the surface at angle of 90°

Large joints (5 cm)	:	High pressure	Low speed
Narrow joints (3 cm)	:	Low pressure	High speed
Thick joints (2 mm)	:	Medium pressure	Medium speed

b) Stonechip Coating

Adjust the pressure from 2.5 bar to 5 bar maximum. Spray from 2.5-5 bar maximum. Spray from 10-20 cm from the surface

Short distance/low pressure	:	Rough texture
Long distance/high pressure	:	Medium texture

One coat application gives about 300 microns dried film thickness

Two coat application gives about 500 microns dried film thickness

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

Refer to Product Label and Material Safety Data Sheet for Health and Safety information before using this product.

3M™ Sprayable Sealer is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.



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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.

For Additional Health and Safety Information

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