



## Automotive Aftermarket Division

### 3M™ 08800/08823 Sprayable Sealer

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#### 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<br>At 60°C – 3-3.30 hours<br>45-60 mins |



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|                   |  |
|-------------------|--|
| Handling time     | At RT<br>At 60°C – 5-7 hours<br>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 <sup>2</sup><br>3M 08823 (150 ml) – 0.3-0.4m <sup>2</sup> |

## 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



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- 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.



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

## 7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, 3M expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

For Additional Health and Safety Information

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|---|--|---|
| 3M United Kingdom plc<br>Automotive Aftermarket<br>3M Centre,<br>Cain Road,<br>Bracknell,<br>RG12 8HT<br>Tel: +44 (0)161 237 6391<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3Mbodyshop.co.uk">www.3Mbodyshop.co.uk</a> | 3M Ireland Limited<br>Automotive Aftermarket<br>The Iveagh Building<br>Carrickmines Park<br>Carrickmines , Dublin 18<br>Tel: +353 12160301<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3Mbodyshop.co.uk">www.3Mbodyshop.co.uk</a> | 3M Denmark a/s<br>Automotive Aftermarket<br>Hannemanns Allé 53<br>2300 København S<br><br>Tel: +45 43480100<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3MAuto.dk">www.3MAuto.dk</a> |
| 3M Finland, Suomen 3M Oy<br>Automotive Aftermarket<br>Keilaranta 6<br>02150 Espoo<br>Tel: 09 5252 1<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3M.fi/autotuotteet">www.3M.fi/autotuotteet</a>                           | 3M Svenska AB<br>Automotive Aftermarket<br>Herrjärva torg 4<br>170 67 Solna<br>Tel: 08-922100<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3M.se/bileftermarkad">www.3M.se/bileftermarkad</a>                                      | 3M Norge AS<br>Automotive Aftermarket<br>Kanalveien 2<br>2004 Lillestrøm<br>Tel: 06384<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3m.no/auto">www.3m.no/auto</a>                    |
| 3M Latvija<br>K.Ulmana 5<br>Rīga, LV-1004<br>Tel: +371 67066120<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3m.lv">www.3m.lv</a>   | 3M Eesti OU<br>Pärnu mnt. 158<br>11317 Tallinn<br>Tel: +372 6 115 902<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3m.ee">www.3m.ee</a>  | 3M Lietuva<br>A.Goštauto str. 40 A<br>LT-01112 Vilnius<br>Tel: +370 5 2160780<br><a href="mailto:aadukenquiries@mmm.com">aadukenquiries@mmm.com</a><br><a href="http://www.3m.lt">www.3m.lt</a>                                       |

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