

# Technical data sheet



Product: 08080

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBSTOFF

Article group: AEROSOL

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## 3M™ 08080 AEROSOL AUTO ADHESIVE

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# Technical Data Sheet

Effective: 18/08/2020 Supersedes: 14/05/2019

## Automotive Aftermarket Division

### 3M™ 08080 Aerosol Auto Adhesive

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#### 1) Part Numbers

3M™ 08080 : 500 ml (349 g) Aerosol

#### 2) Description and end uses

3M™ 08080 is an aerosol adhesive with an adjustable actuator for controlled spray pattern.

For bonding: upholstery, cloth, floor mats, anti-drum padding, carpeting, rubber, rigid plastics to painted to painted or bare metal and fiberglass. It may also be used with supported vinyl materials and expanded polystyrene.

#### 3) Physical Properties

Base	Synthetic elastomer
Solvent	Cyclohexane and pentane
Colour	Clear / White
Propellant	Dimethyl Ether
Oil and Petrol resistance	Poor
Water resistance	Good
Solids content	Approx. 11% by weight
Open Time	Up to 5 minutes for single surface application. Up to 15 minutes for two surfaces application.
Service Temperature range	- 30°C to 80°C.
Coverage	1.5 - 3.0 m <sup>2</sup> / can
VOC	620 g/litre.

#### 4) Directions for Use

##### 1- Surface preparation

- Clean metal surface with 3M™ 08984 General Purpose Adhesive Cleaner.



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## 2- Can adjustment

- Select spray pattern required by turning nozzle between the “L” (narrow spray) and “H” (large spray) positions indicated on the valve. Do not try to force the nozzle beyond these settings. There is no need to shake before use or turn it upside down and “purge” the nozzle after use.

## 3- Application method

- Hold the can 10 to 20 cm from the surface and spray. Depress nozzle fully to avoid spluttering or dripping of adhesive.
- For lightweight materials: it is usually only necessary to coat one surface: the less porous. Bonds can be made up to 5 minutes after application.
- For higher strength bonds or heavier materials: apply adhesive to both surfaces and close bonds within 15 minutes after application.
- Close bonds when adhesive is aggressively tacky and press surfaces firmly together.
- Trim materials may be repositioned and re-bonded before firm pressure is applied.
- Any inadvertent overspray on trim material should be cleaned immediately with 3M™ 08984 Adhesive Cleaner.

## 5) Storage

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: 15 months from date of manufacture under normal storage conditions. Refer “Lot Number” and “Best Before Date” on can.

## 6) Safety

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

Pressurised container. Protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or incandescent material.

**3M™ 08080 Aerosol Auto Adhesive 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 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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