



## Automotive Aftermarket Division

### 3M™ 08090 Aerosol Neoprene Adhesive

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#### 1) Part Numbers

3M™ 08090 : 500 ml (376 g) Aerosol

#### 2) Description and end uses

3M™ 08090 is a high-performance Neoprene "contact" adhesive which provides excellent adhesion to metal, plastic and rubber. It has a good heat and exceptional plasticizer resistances.

3M™ 08090 is suitable for bonding rubbers, supported vinyls, wood decorative laminates, metal, particle board plastics (not recommended for polyethylene, expanded polystyrene polypropylene - use 3M™ 08080 for this application) and flexible foams to themselves or to other substrates.

It is particularly ideal for bonding vinyl and heavy-duty sound deadening and insulation materials in Automotive applications.

#### 3) Physical Properties

Base	Neoprene elastomer
Solvent	Cyclohexane, pentane, acetone and toluene
Colour	Light Yellow
Propellant	Dimethyl Ether
Water resistance	Good
Oil resistance	Good
Solids content	Approx. 13 %
Service Temperature range	- 30°C to 100°C.
Bonding range	4 - 30 minutes
VOC	652 g/litre.

#### 4) Directions for Use

Surface preparation



# Technical Data Sheet

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

All surfaces to be bonded must be clean, dry and free from dust, oil or grease before adhesive application.

## Aerosol preparation

- Turn the nozzle so tip points to dot on can rim.
- Shake can well before use (5 to 10 seconds)
- Turn the can upside down and purge the nozzle after use

## Application method

- Hold the can 15 to 20 cm from the surface and apply at least 3 uniform and overlapping coats of adhesive to both bonding surfaces.  
(Porous surfaces will require additional coats of adhesives)
- Depress nozzle fully to avoid spluttering or dripping of adhesive.
- After application, allow at least four minutes drying time before bonding. All bonds should be made within 30 minutes for an optimum final strength.
- Bring surfaces together and press firmly and uniformly.
- Any inadvertent overspray on to 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™ 08090 Aerosol Neoprene 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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