



**Public**

Rev:2

**Effective:** 02/12/2004

**Status:** Active

## 3M™ Super Trim Adhesive

### Data Sheet

**3M Part No.(s)**                      **3M Part Descriptor(s)**  
08090                                      3M™ Super Trim Adhesive

**3M Fax on Demand Identification Number:** 08090

**Description**

3M™ Super Trim Adhesive

**Features, Advantages, Benefits**

<b>Features</b>	Highest strength 3M automotive aftermarket aerosol adhesive Best high temperature resistance Excellent plasticizer resistance
<b>Advantages</b>	Can be used for heavy trim pieces, such as headliners Can be used in hot areas, such as bonding a hood silencer pad Strong adhesive even for materials with plasticizers
<b>Benefits</b>	Allows technicians to bond heavy materials, instead of mechanical fasteners Technician can bond in hot areas, instead of mechanical fasteners Most vinyl trim (difficult to adhere to) can be bonded

**Typical Physical Properties**

<b>Container</b>	19.0 oz. aerosol
<b>Base</b>	neoprene rubber
<b>Density g/ml (Appx.)</b>	0.678 g/ml
<b>Color</b>	Yellow
<b>Flash Point - °F</b>	-50°F
<b>Viscosity (CPS) Brookfield Viscometer RVF #4 @ 20 RPM</b>	
<b>Solids Content (Appx.)</b>	14.5% by Weight
<b>Consistency</b>	
<b>Service Temperature - °F</b>	
<b>Solvent</b>	Methyl Acetate, Cyclohexane, & Toluene
<b>Propellant</b>	Dimethyl Ether
<b>VOC</b>	55% by weight

**Product Uses**

For bonding medium to heavyweight trim materials, including carpeting, carpet padding, many fabrics, headliners, hood silencer pads, and other equipment. It is a very aggressive adhesive, and can bleed through lighter-weight fabrics.

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**Performance Properties****180° Canvas to Clear Coat paint Peel Adhesion @ 75°F**

Bonds were made at a 15 minute open time and tested at the rate of 2 inches/minute.

1 hour	3.0 piw
2 hours	4.4 piw
4 hours	5.2 piw
1 day	19.9 piw
3 days	24.2 piw
7 days	24.5 piw

**Heat Resistance - 180° Canvas to Clear Coat Paint Peel Adhesion**

Bonds were made<sup>3</sup> at 15 minute open time and aged 7 days @ 75°F before testing. Bonds tested at the rate of 2 inches/minute.

75°F	24.5 piw
120°F	21.5 piw
160°F	13.0 piw
180°F	10.5 piw
200°F	7.4 piw

### Plasticizer Resistance - 180° Vinyl Roof Fabric to Clear Coat Paint Peel Adhesion @ 75°F

Bonds were made at a 15 minute open time and then aged at 75°F and 160°F before testing. Bonds tested at the rate of 2 inches/minute.

7 Days @ 75°F            5.9 piw

7 Days @ 160°F        3.4 piw

## **Handling and Application Information**

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### **Directions for Use**

1. Clean bonding surfaces to remove wax, oils, mold release agents, dust and any other contaminants by using 3M™ General Purpose Adhesive Cleaner, Part Number 08984.
2. Remove cover and turn nozzle to dot on the can rim.
3. **Shake can well before each use and periodically during use.**
4. Hold can 3 – 7 inches away from surface and apply a light to moderate coating of adhesive overlapping the spray pattern on each pass. Applying heavy coatings can cause bleed through, especially on lighter fabrics/materials.
5. Apply adhesive to one or both surfaces as desired. Applying to both surfaces produces a much stronger bond and is recommended whenever possible.
6. Allow the product to dry between coats if multiple coats are needed to provide sufficient adhesive for bonding. It is better to apply multiple coats than to apply one heavy coat of product.
7. Allow the adhesive to dry until tacky but will not transfer when touched (typically 5-60 minutes).
8. Bond surfaces using firm, uniform pressure.
9. **After each use, invert the can and spray the product until no more adhesive is expelled to purge the valve and dip tube.**
10. Excess adhesive and over spray may be removed using 3M™ General Purpose Adhesive Cleaner, Part Number 08984.

\* If 'Directions for Use' reference P.N.'s 08984, 08986, or 08987, please read. Federal and local air quality regulations may regulate or prohibit the use of surface preparation and cleanup solvents based on VOC content. Consult your local and Federal air quality regulations for information. When using solvents, use in a well ventilated area. Extinguish all sources of ignition in the work area and observe precautionary measures for handling these materials. Refer to product label and MSDS for P.N. 8984, 8986, or 8987 for detailed precautionary information.

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### **Applications**

1. Vinyl car tops
2. Heavyweight headliners
3. Hood silencer pads
4. Supported vinyl and leather
5. Carpeting on floor and side walls
6. Any other heavyweight trim materials
7. Not recommended for lightweight materials, will bleed through too easily

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### **Storage and Handling**

Store at room temperature. 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 of 12 months. Always use in a well-ventilated area.

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### **Precautionary Information**

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

## Country

US

**This document is public. It may be distributed.**

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### **Warranty and Limited Remedy**

This product will be free from defects in material and workmanship at the time of shipment. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If this product is defective, your exclusive remedy and 3M's and seller's sole obligation shall be, at 3M's option, to replace the product or refund the purchase price.

**LIMITATION OF LIABILITY: 3M and seller will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.**

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### **For Additional Health and Safety Information**

3M Automotive Aftermarket Division  
3M Center, Building 223-6N-01  
Saint Paul, MN 55144-1000  
1-877-666-2277 (1-877-MMM-CARS)

Material Safety Data Sheets and Technical Data Sheets are also available by calling Fax on Demand 1-800-305-0419.  
Help Line 1-800-621-5455 (US) 1-650-596-4407 (International).

**3M Fax on Demand/MSDS Identification Number 08090**

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