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**TS Data Sheet 08684; TS Data Sheet**  
**08686; TS Data Sheet**  
**08692**

**Public**

Rev:1

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Status: Active

## 3M Black Urethane Primer

### Data Sheet

3M Part No.(s)	3M Part Descriptor(s)
08684;	30 ml
08686;	125 ml
08692	Single-Use Foam Applicator

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

**Description**

3M™ Black Urethane Primer is an integral component of the 3M Glass Urethane Bonding System. It is a polyurethane based primer used as a black-out primer to block out the sun's ultraviolet rays. 3M™ Black Urethane Primer promotes adhesion of the polyurethane adhesives to glass, primed pinched metal and PVC Encapsulated parts. 3M™ Black Urethane Primer is used on the glass, following the application of 3M™ Primer/Degreaser (PN 08685, 08683, 08691).

**Features, Advantages, Benefits**

- |                   |   |
|-------------------|---|
| <b>Features</b>   | <ul style="list-style-type: none"> <li>● Three Convenient Sizes</li> <li>● Fast Drying</li> </ul> |
| <b>Advantages</b> | <ul style="list-style-type: none"> <li>● PVC Primer</li> <li>● Uniform Application</li> </ul>     |

**Benefits**

**Typical Physical Properties**

<b>Container</b>	Aluminum Bottle (30ml & 125ml)	Single Use Applicator
<b>Base</b>	Polyurethane Resins	
<b>Density lbs/Gallon (Appx.)</b>	7.92 lb/gal	
<b>Color</b>	Black	
<b>Flash Point - °F</b>	<21°C, (69.8°C)	
<b>Consistency</b>	Black Liquid	
<b>Drying Time</b>	10 minutes	
<b>@72°F / 50% RH</b>		

## Product Uses

Glass primer that promotes adhesion between polyurethane adhesive and glass or automotive paint primed pinchwelds.

Apply 3M Black Urethane Primer to PVC encapsulated glass products to promote adhesion to the new urethane.

Use to prime minor exposed bare metal scratches during the glass removal process.

## Performance Properties

This product works best if used above 40 °F ( 4° C ) or when it is below 40°F ( 4° C ) follow "3M Cold Weather Procedure".

## Handling and Application Information

### Directions for Use

Glass Application:

Clean the windshield with 3M

TM

Glass Cleaner, P/N 08888, cleaning from the outer edge to the center of the windshield. Taking care to clean surface where the urethane bond will be made.

Apply a thin film of 3M

TM

Primer/Degreaser,(PN 08685, 08683, 08691) with a clean wipe. Wipe off excess primer while still wet. Allow to dry for 3-5 minutes.

Shake the container of 3M

TM

Black Urethane Primer until agitator ball is moving freely.

Apply a uniform, solid coating of 3M

TM

Black Urethane Primer over the bonding area using a dauber or other suitable applicator. Be careful not to spill on paint or interior surfaces.

Replace plastic insert and cap immediately.

Dispose of dauber in appropriate container.

Allow to dry thoroughly, approximately 10 minutes.

Single-

use foam applicator, Part No. 08692:

Apply a thin film of 3M

TM

Primer/Degreaser,(PN 08685, 08683, 08691) with a clean wipe. Wipe off excess primer while still wet. Allow to dry for 3-5 minutes.

Shake

3M

TM

Black Urethane Primer, Part No. 08692 well.

Slide collar between knobs on sleeve.

Twist collar to break enclosed glass vial.

Press the foam pad gently on the edge of the windshield to saturate the foam pad.

Tilt the applicator at a 15

° angle and apply primer by sliding the foam pad over the desired area with the leading edge at the lower

edge of the angle.

Dispose of the foam applicator in appropriate container.

Note:

The foam applicator should not be used on the body portion of the vehicle as the foam will be damaged by the rough surfaces.

PVC Encapsulated Glass Parts:

Clean the encapsulated part where your urethane bond will be made using a clean cloth and

3M

TM

General Purpose Adhesive Cleaner.

Note:

3M

TM

Scotch-Brite Multi-Flex Abrasive Sheet Rolls (PN 07521 General Purpose Maroon/Purple) can be used to roughen the surface to improve adhesion to known difficult PVC parts.

Apply

3M

TM

Black Urethane Primer

(PN 08685, 08683, 08691), to the bonding surface.

Allow the primer to dry. (approx. 10 minutes)

Bond the unit following the directions for the urethane product you are using.

### Applications

3M™ Black Urethane Primer is a black-out primer and adhesion promoter for windshields, backlites, and other stationary glass components urethane bonded in vehicles. 3M Black Urethane Primer is also used to coat small exposed bare metal minor scratches resulting from the glass removal process. Excessive exposed metal or rusty metal should be repaired and painted with an OEM recommended automotive paint primer. 3M™ Black Urethane Primer can be use on PVC encapsulated glass parts to promote adhesion to the new urethane.

### Storage and Handling

Store at between 40 - 80 Fahrenheit 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.

### 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.**

### Important Notice to Purchaser

The statements and technical information contained in this technical data sheet are based on tests and data which 3M believes to be reliable, but the accuracy or completeness of such statements and technical information is not guaranteed. **3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application.

\* If 'Directions for Use' reference P.N.'s 8984, 8986, or 8987, please read below.

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.

**LIMITATION OF REMEDIES AND LIABILITY:** If the 3M product is proved to be defective, **THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT.**

3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

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

See Material Safety Data Sheet (Fax on Demand 1-800-305-0419), or call: **3M Automotive Aftermarket Division** 3M Center, Building 223-6N-01  
Phone: 877-MMM-CARS (877-666-2277)

### **3M Fax on Demand Identification Number**

**Reference:**  Goto Ref

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**This is the last page**