



Urethane Seam Sealer

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Technical Data Sheet

February, 2014

3M Part No.(s)	3M Part Descriptor(s)
08360	3M™ Urethane Seam Sealer - White
08361	3M™ Urethane Seam Sealer - Gray
08364	3M™ Urethane Seam Sealer - Beige

Product Description 3M™ Urethane Seam Sealer is a premium one-part, moisture-curing seam sealer designed for application to exterior and interior body seams. It does not shrink and stays permanently flexible.

Features

- Excellent adhesion to primed and bare metal substrates
- Fast curing and quickly paintable
- Very low solvent percentage

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Container	310 ml Flexpack
Base	Moisture-curing urethane
Density lbs/Gallon (Appx.)	9.8
Color	Gray, White, and Beige
Flash Point - °F	92°F (Closed Cup)
Solids Content (Appx.)	95%
Consistency	Heavy Paste
Solvent	Minimal amount of Xylene
Service Temperature - °F	-25 to 180°F

Product Uses

General purpose automotive seams, including door skins, rocker panels, rear body panels, trunk seams, floor pans, etc.

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Typical Performance Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Cold Temperature Resistance @ -20°F	(Remains Flexible)
Heat Resistance - 8 Weeks @ 200°F	(No Degradation)
Adhesion-Primed Metal: Excellent	(Cohesive Failure)
Bare Metal: Excellent	(Cohesive Failure)
Tensile Strength: Good	(230 psi)
Flexibility: Excellent	(600%)

Directions for Use **NOTE:** 3M Urethane Seam Sealer may be applied to properly prepared bare metal and/or primer/paint coated surfaces, and can be used as a “weld through” sealer when squeeze type resistance spot welding equipment is used.

Acid etch primer is not recommended to be used in direct contact with any 3M seam sealer. Residual acid can weaken the bond.

1. Lightly scuff the area where the sealer is to be applied.
2. Wash surface with soap and water to remove water soluble contaminants. Follow the soap and water wash with an appropriate 3M VOC compliant product for removal of surface contaminants. Reference the 3M Automotive Aftermarket Catalog for a suitable VOC compliant product.
3. Install foil package into barrel of 3M™ Flexible Package Applicator Gun, P.N. 08398.
4. Using a scissors, cut a small opening across the top end of package and fold back flaps.
5. Place nozzle (PN08188) over the opened end onto the gun barrel.
6. Replace the retaining collar.
7. Cut nozzle to provide desired bead size.
8. Apply seam sealer and tool (if necessary) to desired finished appearance. Do not tool with any alcohol containing solvents, as they will stop the curing process of the seam sealer. Water may be used to tool this product.
9. Wait at least 30 minutes before painting. (30 minutes based on 1/4" bead at 70°F, 50% humidity. For thicker beads, lower temperatures, or lower humidity, allow additional time before painting.)

Applications

General purpose seams, including door skins, rocker panels, rear body panels, trunk seams, floor pans, etc.

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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. Use in a well-ventilated area.

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

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user’s method of application.

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For Additional Health and Safety Information



Automotive Aftermarket Division

3M Center, Building 223-6N-01
St. Paul, MN 55144-1000
1-877-666-2277 (1-877-MMM-CARS)
www.3MCollision.com

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