



Urethane Seam Sealer

08362 • 08365 • 08367 • 08368

Technical Data Sheet

August, 2014

3M Part No.(s)	3M Part Descriptor(s)
08362	3M™ Urethane Seam Sealer - Grey
08365	3M™ Urethane Seam Sealer - Beige
08367	3M™ Urethane Seam Sealer - Black
08368	3M™ Urethane Seam Sealer - White

Product Description 3M™ Urethane Seam Sealer is a high performance general purpose seam sealer ideal for sealing both interior and exterior joints of bare metal, primer, and paint coated substrates. 3M™ Urethane Seam Sealer may also be used for weld sealing operations where squeeze type resistance spot welding equipment is used.

Features

- High Solids, Single Component, Moisture curing
- No Shrinkage, No / Low Odor
- Standard 10.5 fl. oz. / 310 mL Aluminum Cartridge

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	10.5 fl. oz. / 310 mL Aluminum Cartridge
Base	Moisture-curing urethane
Density	9.8 lb/gal
Color	08362 (Grey), 08365 (Beige), 08367 (Black), 08368 (White)
Flash Point	92°F (Closed Cup Method)
Solids Content	95%
Consistency	Heavy Paste
Solvent	Minimal amount of Xylene
Service Temperature	-25 to 180°F

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Product Uses

3M™ Urethane Seam Sealer is an excellent choice when sealing seams to prevent the intrusion of water, dust, and air, aiding in providing corrosion resistance at these locations. 3M™ Urethane Seam Sealers provide excellent gap filling properties and are designed to be used over epoxy or urethane based primers they should be top coated when exposed to ultra violet rays.

Use with the following accessories:

- 3M™ Single Component Cartridge Applicator Gun (PN 08990)
- 3M™ Professional Manual Caulking Gun (PN 08993)
- 3M™ Threaded Cartridge Nozzles (PN 08187) 50/box

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% Elongation)

Directions for Use

NOTE: Acid etch primer is not recommended to be used in direct contact with any 3M seam sealer. Residual acid can weaken the bond. Do not use alcohol or solvents containing alcohol to tool urethane seam sealer.

1. Lightly scuff the coated area where the sealer is to be applied using a 3M™ Scotch-Brite™ scuff pad (PN 07447).
2. Clean with an appropriate VOC compliant cleaner product for removal of surface contaminants. Reference the 3M Automotive Aftermarket Catalog for a suitable VOC compliant product for your area.
3. Perforate the seal at the cartridge outlet and install the nozzle. Use the pull tab to remove the metal seal at the cartridge base. Install the cartridge in a suitable caulking gun (see reference in “Product Uses” section).
4. Cut nozzle to provide desired bead size.
5. Apply seam sealer and tool (if necessary) to desired finished appearance (use water or mild solvent such as a pre-cleaner to tool). Do not tool with any alcohol containing solvents, they will stop the curing process of the seam sealer.
6. Wait at least 30 minutes before painting (1/4" bead at 70°F, 50% humidity), for thicker beads, lower temperatures, or lower humidity, allow additional time before painting.

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Applications	Sealing of seams to prevent intrusion of water, dust, air, fumes, may be used for interior or exterior seams of primer coated substrates.
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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