



All-Around Autobody Sealant White 08500

Technical Data Sheet

July 2017

3M Part No.(s)	3M Part Descriptor(s)
08500	3M™ All-Around Autobody Sealant White

Product Description 3M™ All-Around Autobody Sealant White is a medium-bodied, water-based seam sealer designed to seal most interior and exterior autobody joints and seams. The product applies easily and adheres well to properly prepared primer and paint.

Features

- Controlled, quick drying
- Water-based composition

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	1/10th gallon cartridge
Base	Synthetic-elastomer - water based
Density lbs/Gallon (Appx.)	12.5
Color	White
Flash Point - °F	> 200°F
Solids Content (Appx.)	75%
Consistency	Non-sag paste
Solvent	Water
Service Temperature - °F	-20 to 180°F
Specific Gravity	1.500

Product Uses

Sealing interior and exterior auto body joints and seams, especially where it is desirable to eliminate solvent odor. This sealer is especially good in hot, dry environments, as it will not dry as quickly as a solvent based seam sealer allowing additional tooling time.

For professional use only. Not intended for retail sale.

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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.

- | | |
|---------------------------|--|
| 1. Hardness | Shore A = 40 |
| 2. Dry Time | 1/8" film @ 75°F / 50% RH = 60 minutes |
| 3. Flexibility | 1/4" bead @ 28°F |
| 4. Adhesion to:
Primer | Excellent |
| 5. Shrinkage | Product exhibits a shrinkage of approximately 34% when completely dry. |

Directions for Use

NOTE: 3M Best Practice is that all sealers, unless designated specifically for use on bare metal, be applied to properly prepared automotive paint or primer. Applying over bare metal may not provide adequate corrosion protection.

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. Clean the surface with an appropriate VOC compliant product for the removal of surface contaminants.
3. Cut nozzle tip to provide desired size bead. Puncture foil seal in base of spout. Knock out end seal at the bottom of the tube.
4. Place in 3M™ Professional Caulking Gun, PN 08993 and engage ratcheting mechanism.
5. Apply desired bead width, and tool to final appearance, if necessary. When sealing is complete, disengage ratchet to stop flow.
6. Wait for sealer to dry before applying primer or paint. Thicker beads of seam sealer will take longer to cure before painting. The stated dry time before painting is based on a 1/8" bead at 75°F and 50% RH.

Applications

3M™ All-Around Autobody Sealant is used for sealing most interior and exterior autobody joints and seams. Applies easily and can be smoothed to a featheredge. Can be painted in 30 minutes (1/8" bead at room temperature, 50% humidity). Water may be used for clean-up before product dries. 3M™ All-Around Autobody Sealant will not harm cured paint.

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 36 months. Use in a well-ventilated area.

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Precautionary Information

Before using this product, please reference Product Label and/or Safety Data Sheet for Health and Safety Information. Note: Laws controlling the acceptable amounts of Volatile Organic Compounds (VOC's) vary by state, and in some cases by locality. For surface preparation and clean-up activities, consult federal, state and local regulations regarding use of products containing VOCs in your area.

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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