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TS Data Sheet 08369; TS Data Sheet
08370

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3M™ Ultrapro™ MSP Seam Sealer

Data Sheet

3M Part No.(s)	3M Part Descriptor(s)
08369; 08370	3M™ Ultrapro™ MSP Seam Sealer, White 3M™ Ultrapro™ MSP Seam Sealer, Gray

3M Fax on Demand Identification Number: 08369, 08370

Description

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

Features, Advantages, Benefits

Features	Excellent adhesion to primed metal and aluminum Fast curing and immediately paintable Very low solvent percentage Excellent shelf life No problems with alcohol-containing solvents
Advantages	Minimal opportunity for bond failure No need to wait to move the car into the paint area Minimal airborne solvent during curing process Product stays usable for longer than standard seam sealers Product will cure even if contacted with alcohol-containing solvents
Benefits	Fewer comebacks for seam sealer failure Save and make money by eliminating time waiting to paint seam sealer Minimal solvent odor or health issues Less product waste because past its shelf life No rework because solvents inhibited seam sealer cure

Typical Physical Properties

Container	310 ml Flexpak
Base	Modified Silane Polymer
Density lbs/Gallon (Appx.)	11.9
Color	White (8369), Gray (8370)
Flash Point - °F	144°F
Viscosity (CPS) Brookfield Viscometer	1,000,000 CPS
RVF #4 @ 20 RPM	
Solids Content (Appx.)	97%
Consistency	Heavy Paste

Service Temperature - °F -30°F-200°F
Solvent Minimal Naphtha

Product Uses

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

Performance Properties

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- Appx. 120 PSI

Elongation- Appx. 350%

Handling and Application Information

Directions for Use

1. Always apply over automotive primer. Applying over bare metal will not provide enough corrosion protection. Acid etching primer is not recommended; if used, be sure to allow to fully cure before applying seam sealer, or residual acid can weaken the bond.
2. If necessary after priming, clean and dry surface with 3M™ General Purpose Adhesive Cleaner, PN 08984. Do not use an adhesive cleaner until the primer has fully cured.
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 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. Alcohol solvents will not stop the curing process.
9. The product is immediately paintable. If tooled with solvent, allow solvent to fully evaporate before painting.
10. After use, dispose of both nozzle and empty package.

* 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. 08984, 08986, or 08987 for detailed precautionary information.

Applications

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

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

Country

This document is public. It may be distributed.

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.

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).

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