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TS Data Sheet 08661;
08662;
08663;
08664

Public

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Super Silicone Adhesive/Sealants

Data Sheet

3M Part No.(s)	3M Part Descriptor(s)
08661;	- 3 oz. Tube (Clear)
08662;	- 3 oz. Tube (Black)
08663;	- 1/10 Gallon Cartridge (Clear)
08664	- 1/10 Gallon Cartridge (Black)

3M Fax on Demand Identification Number:

Description

3M Super Silicones Adhesive/Sealants are a paste-like, one-component material which cures to a tough, rubbery solid when exposed to moisture in the air. They will adhere to clean metal, glass, wood, ceramic, natural and synthetic fiber, painted surfaces, and many plastics. They are easy to use and exhibit excellent resistance to weathering, vibration, moisture, ozone and extreme temperatures.

Features, Advantages, Benefits

Features

- Fast Curing
- Flexible
- Adhesion to Many Substrates

Advantages

- High Temperature Resistance
- Good Weathering Resistance
- Good Water Resistance

Benefits

Typical Physical Properties

Container	3 oz. tube and 1/10 gallon cartridge
Base	Silicone
Density lbs/Gallon (Appx.)	8.5
Color	Clear & Black

Flash Point - °F	> 250°F
Solids Content (Appx.)	100%
Consistency	Non-Sagging Paste
Service Temperature - °F	-76 to 400

Product Uses

Performance Properties

Cure Characteristics: (Exposed to air at @ 77°F and 50% RH)

Tack Free Time:	10-20 Minutes
Cure Thru Time (1/8 inch thickness)	24 Hours

Physical Properties: (Measured on 1/4 inch thick samples cured for 72 Hrs. at 77°F and 50% RH)

Hardness, Shore A	25
Tensile Strength	325 PSI
Elongation	550%

Handling and Application Information

Directions for Use

Thoroughly clean surfaces to be bonded. Rubber surfaces should be abraded and wiped clean. Apply silicone to area that is to be sealed or bonded. The paste-like consistency makes it easy to tool with a spatula or wooden paddle. Super Silicones cure from the outside in. At conditions of 75°F and 50% RH, they form a tack free skin within 20 minutes. Tooling is not practical after the skin begins forming. Cure time is affected by humidity, degree of confinement, and thickness of the adhesive/sealant bead. Lower humidity and/or temperature will extend the cure time. Higher humidity and/or temperature will reduce the cure time. In applications where the adhesive/sealant is confined during cure, the time required for proper cure is generally lengthened.

Applications

- Sealing automotive trim
- Sealing drip rails
- Sealing taillight and sunroof assemblies
- Filleting and caulking joints to provide a water and dust barrier
- Sealing vinyl roof top fabrics

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 18 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

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* 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)

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Reference: Goto Ref

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This is the last page