



Public

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3M™ Underseal™ Rubberized Undercoating Black

Data Sheet

3M Part No.(s)	3M Part Descriptor(s)
08883	3M™ Underseal™ Rubberized Undercoating Black

3M Fax on Demand Identification Number: 08883

Description

A 3M undercoating with corrosion protection, paintability, excellent spray pattern and coverage, and sound deadening qualities. This is the premium 3M undercoating in an aerosol can.

Features, Advantages, Benefits

Features	Medium to coarse texture Good sprayability and coverage Excellent corrosion and abrasion resistance
Advantages	Able to OEM match many undercoating appearances Easy to quickly obtain consistent coating appearance Coatings holds up over time
Benefits	Customer satisfied with finished appearance Less time spent reworking poor sprayed appearance Reduce comebacks for abrasion and corrosion

Typical Physical Properties

Container	24 oz. aerosol can
Base	Synthetic polymer
Density lbs/Gallon (Appx.)	7.1
Color	Black
Flash Point - °F	-50°F
Viscosity (CPS) Brookfield Viscometer	
RVF #4 @ 20 RPM	
Solids Content (Appx.)	44%
Consistency	Heavy, black liquid in aerosol
Service Temperature - °F	-30 to 180 deg F
Solvent	Naphtha, toluene
Propellant	Propane

Product Uses

Provides hiding power, abrasion resistance, corrosion protection and sound deadening to:

Automotive undercarriages

Wheel wells
Inside body panels (such as quarter panels)
Door skins
Trunks
Floor pans
Other automotive applications to perform the tasks mentioned above

Performance Properties

<u>Test</u>	<u>Condition</u>	<u>Result</u>
Sag Resistance	20 mil Thickness	No Flow
Salt Resistance	500 Hours Exposure 5% Salt	No Corrosion
Water Immersion	500 Hours @ 75°F	No Corrosion
Abrasion Resistance	1 Pint Gravel @ 90 PSI	Excellent
Adhesion to Metal	After 2 Days @ 75°F	Excellent
Dry Rate	1 Coat @ 75°F	Tack Free in 15 Minutes

Product is paintable, but can slightly discolor some light colored paints. For very best paintability, use 08964 or 08804.

Handling and Application Information

Directions for Use

1. Product can be applied over bare metal or primer.
2. Clean and dry surface with soap and water, then with 3M™ General Purpose Adhesive Cleaner, PN 08984.
3. Shake can thoroughly for 1 minute after the agitator ball begins to move.
4. Apply in relatively light coats, allowing for the solvent to evaporate somewhat between coats (3-5 minutes). Build to desired thickness.
5. Dry time is typically 30 minutes at room temperature. Thicker applications may take longer to dry.
6. Product can be painted after 30 minutes (best to wait 1 hour). If waiting longer than 24 hours, scuff lightly before painting.
7. Always invert can and purge nozzle after use, to insure sprayability the next time.

* 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. 8984, 8986, or 8987 for detailed precautionary information.

Applications

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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. Always 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).

3M Fax on Demand/MSDS Identification Number 08883

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