



# Paintable Undercoating Pouch, 5.5 Fl. Oz.

## 08747

Technical Data Sheet

April, 2013

3M Part No.(s)	3M Part Descriptor(s)
08747	3M™ Paintable Undercoating Pouch, 5.5 Fl. Oz.

**Product Description** 3M™ Paintable Undercoating Pouch 5.5 Fl. Oz. (PN 08747) is a rubberized undercoating designed to protect lower auto body panels and undercarriages from damage such as stone chipping, and prevent subsequent corrosion damage to bare metal. This coating is applied over clean bare metal, or primer coated surfaces and may be top coated with common automotive paint systems.

### Features

- Unique Pouch Package
- Corrosion Resistant Formula
- Automotive Paint Compatibility

### 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.

<b>Container</b>	5.5 fl. oz. (163 mL) Poly/Foil Pouch
<b>Base</b>	Rubber Copolymer
<b>Density</b>	7.15 lb./Gallon (.86 g/mL)
<b>Color</b>	Black
<b>Consistency</b>	Thick Liquid
<b>Viscosity</b>	4,500 - 7,000 cps
<b>Solvent</b>	Toluene, VM&P Naptha
<b>Service Temperature</b>	-20°F to 200°F (-29°C to 93°C)

# 3M™ Paintable Undercoating Pouch, 5.5 Fl. Oz.

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## Product Uses

Under body protection for wheel housing, frame rail, floor pan, lower rocker panel areas of auto bodies. This coating does not contain a UV screener and should not be used on top surfaces exposed to direct sunlight unless it is top coated with an appropriate paint. May be applied to clean, dry bare metal, contains corrosion inhibiting chemistry.

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## Performance Properties

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

**Paint Time:** 1 - 2 medium Coats @ 75°F (24°C) 30 - 60 minutes  
2 - 3 medium heavy Coats @ 75°F (24°C) 120 - 150 minutes

- Allow flash time between coats.
- May be applied over bare metal or prepared primer or paint.
- **DO NOT** solvent wipe this product prior to paint application.

If painting after 24 hours, scuff lightly before applying top coats.

**Coverage:** 1 coat 50% overlap 15 sq. ft. (1.4 sq. meter)

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## Directions for Use

1. **Preparation:** Clean all bare metal (welds, etc.) using an appropriate abrasive followed by cleaning with a VOC compliant surface cleaner. **(Do not apply acid etch primers in direct contact with 3M™ Paintable Undercoating – 5.5 fl oz PN 08747)**
2. If applied over primer scuff the primer using 3M™ Scotch-Brite™ scuff pad (maroon), followed by cleaning with a VOC compliant surface cleaner.
3. Remove 3M™ Paintable Undercoating Pouch from shipper and knead the pouch between your fingers to “break up” any solids that may have settled.
4. Insert the PN 08747 5.5 fl oz Pouch into the 3M™ PPS™ H/O Pressure Cup (Mini) (PN 16121), and attach the Retaining Collar.
5. Using a PPS shaker collar position the cup/pouch assembly into a paint shaker and shake for one to two minutes or shake well by hand for one to two minutes. Next puncture the liner inside the PPS lid using a sharp implement (a pencil works well for this).
6. Attach the included red colored 3M™ Accuspray™ 2.0 mm Atomizing head to the 3M™ Accuspray™ Pressurized Spray Gun Model HGP20 (PN 16587), attach the cup assembly to the atomizing head and attach the pressure cup air feed tube to the gun body pressure side port (see directions for use contained with PN 16587 spray gun for details).
7. Attach an air hose to the spray gun air control valve inlet and set full trigger pressure to 10 to 15 PSI (this spray gun is designed to function well at low pressure).

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## Directions for Use (continued)

8. Spray a small test panel adjusting air inlet pressure and fluid needle adjustment to achieve desired texture and coverage.

9. Using the settings from the test apply the desired number of coats to achieve coverage and texture (when desired), allow to dry 30 minutes to 2 hours, dependent upon coating weight, ambient temperature and humidity

\*Immediately clean up over spray with a VOC compliant cleaner.

### IF PAINTING SEE INSTRUCTIONS BELOW

10. After coating dries it may be DA or hand sanded to remove excess texture or overspray prior to top coating using grade P400 to P800 abrasive. After 24 hours you must scuff or sand the coating using grade P400 to P800 abrasive, or 3M™ Scotch-Brite™ scuff pad (grey).

\***Note:** To smooth blend edges DA sand the blend using grade P1000 to P3000 3M™ Trizact™ abrasive damp.

11. Apply top coats or sealer following your paint company guidelines.

\*To store any unused product cap the pouch outlet using a 3M™ PPS™ cap and store in an approved paint storage area.

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## Applications

Applications include areas requiring undercoating protection to seal surfaces from environmental conditions and protect from stone chips. Panels such as wheel housing, frame rail, floor pan, and other body under side and internal panels are common auto body applications. This product is not designed to protect from UV exposure.

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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.

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## Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product. 08747

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## 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.

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## 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



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