



Undercoating

08881

Technical Data

June, 2020

3M Part Number	3M Part Descriptor
08881	3M™ Undercoating

Product Description 3M™ Undercoating is a multi-purpose, non-paintable aerosol coating designed for application to undercarriages, wheel wells, frame rails, fenders, and other automotive and transportation related parts. This undercoating does not contain UV screeners and is designed for indirect sunlight exposure.

- Features**
- Aerosol Dispensing
 - Corrosion Resistant Chemistry Protects Steel
 - Sound Deadening Properties

Typical Physical Properties

Container	Aerosol Can
Base	Calcium Carbonate and Asphalt
Density lbs./Gallon (Approx.)	9.2
Color	Black
Flash Point (°F)	-20°F
Viscosity (CPS) Brookfield Viscometer	2,500 to 3,750
Solids Content (Approx.)	32%
Consistency	Aerosolized Liquid
Coverage per Container (1 coat 50% overlap)	14 sq. ft.
Service Temperature (°F)	-20°F to 180°F

Product Uses Apply to outer auto body panels and structures after welding operations are complete. When properly applied, 3M™ Undercoating prevents corrosion formation at application site through the active corrosion resistant chemistry and physical sealing from moisture and corrosive elements.

Note: Do not apply on or near potential ignition sources such as exhaust components, sparks, or flame, or on moving parts. Apply to clean, properly prepared surfaces. For maximum protection, apply 10 mil dry thickness, (about 4 coats).

For professional use only. Not intended for retail sale.

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Performance Properties

1. Prepare the surface requiring coating to remove all surface contaminants by abrading areas with coarse to medium grade abrasive as necessary, and cleaning with a VOC compliant surface cleaner as necessary.
2. Mask to protect areas not requiring coatings
3. Shake can well (one minute after agitator ball is loose).
4. Apply material to panel from a distance of 8 – 12 inches using a 50% overlap, apply four coats for maximum protection.
5. After completing application, invert can and point away from personnel, depress actuator to clear material from actuator/dip tube assembly.
6. Allow product to dry before putting vehicle into service.
7. Typical dry time is 30 minutes (one coat 50%RH 70F)

Note: 3M™ Undercoating may not be compatible with OEM sound deadening undercoating material (such as PVC). Test in a small area to determine suitability if this is a concern. Thick sprayed on sealants are typical representations of this material.

Applications

External auto body corrosion protection. Frame rails, wheel housings, floor pans and other under body areas.

Storage and Handling

HANDLING

Avoid eye contact with vapors, mists or spray. Do not breathe vapors. Avoid prolonged or repeated skin contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

STORAGE

When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 24 months from the date of manufacture. Store away from acids. Keep container in well-ventilated area.

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 (VOCs) 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.

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