



# UNDER GOATING

IN A CAN

## BLACK WAX COATING

**Undercoating In A Can, Black Wax Rust Preventative Coating** is a premium wax based undercarriage protectant designed for Commercial and Auto-motive vehicle use. Wax based undercoating technology has protected United States Military vehicles (MIL-PRF-62218B) and semi-trailer chassis components, exposed to harsh, highly corrosive environments for over 50 years. This premium wax based undercoating is also the ultimate protection for your family vehicles. Undercoating In A Can is a "Rust Encapsulating" product meaning it can be applied to existing rust areas and will deter further compounding effects of rust (Rust Cancer). The coating has been continuously improved over the product lifetime to resist the very harmful side effects modern road salts- magnesium, calcium, and potassium chlorides. This rust inhibiting and sound deadening sealant forms a firm barrier film when applied to metal and wood structures, thereby extending the useful life of the coated surface. This coating exhibits excellent gravel, power wash, and impact resistance. The latest revision of SAE J2721, for commercial trucks, requires coatings, intended for chassis components, to be exposed to SAE J400 gravel test, where high velocity stones are thrown at the film of coating, before cyclic exposure to the corrosive salt solutions. Consequently, excellent gravel resistance is vital for long term performance. Get the ultimate protection from UNDERCOATING IN A CAN.

### APPLICATIONS

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- Commercial Vehicles - Tractor Trailers
- Passenger Cars and Light Trucks
- Utility Trailers
- Off-Road Vehicle
- Motor Homes
- Recreation Vehicles
- Or any surface where corrosion is a concern

### BENEFITS

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- Prevent Rust & Corrosion
- Stop or reduce existing rust from spreading
- Sound Deadening to reduce road noise
- Remains Pliable to resist Chips and Cracking
- Lasts 4x longer than Asphalt Based and Rubberized Undercoating





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**PHYSICAL PROPERTIES**

<b>DURABILITY TEST</b>	<b>REQUIREMENTS &amp; RESULTS</b>	<b>TEST DETAILS</b>
Chip Resistance, SAE J4000@77F	7A (5-9 chip size <1mm)	<i>This is considered "Outstanding" performance. 10A would be the highest rating with 0 chips &lt;1mm</i>
Chip Resistance, SAE J4000@-4F	7B (5-9 chip size 1-3mm)	<i>This is considered "Very Good" performance. 10A would be the highest rating with 0 chips &lt;1mm</i>
SAE J2721 Cyclic Corrosion (Commercial Vehicles) 80 Cycles, after SAE J4000 gravel exposure (8 cycles equivalent to 1 year real world exposure)	Rating: 2 (General surface corrosion present but no significant attack)	<i>This test is the equivalent of 10 years of service</i>
SAE J2334, Automotive Cyclic Corrosion 60 cycles, after SAE J400 gravel exposure (60 cycles equivalent to 5 years real world exposure)	Rating: 2 (light rust at paint chips)	<i>This test is the equivalent to 5 years of service</i>
ASTM B117 Neutral Salt Spray, Hot Rolled Trailer Steel	2000 Hours Rating: 10 (<0.1 mm creep from scribe)	<i>This is the Highest Rating per ASTM 1654 Procedure A</i>
Fire Resistance (Dry Film) MIL-C-62218A & Federal Standard TTC-520B	Dry Film is self-extinguishing	<i>In case of an accident, the underbody coating will not ignite on its own or contribute to any fire</i>
High Temperature Resistance	Dry film will not flow at temperatures below 450F	<i>Outstanding resistance to dripping in high heat areas of the underbody</i>

The technical data and suggestions for use contained herein are correct to the best of our knowledge and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only conform to our standards of quality, and our liability if any will be limited to replacement of defective material. All technical information is subject to change without notice.





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## **APPLICATION PROCEDURES**

### **Undercoat Application Conditions**

Use outdoors or in a well ventilated area such as an open garage. Use when temperature is 50-90° F (10-32°C) to ensure proper drying. Avoid spraying in windy and dusty conditions.

### **Surface Preparation**

Undercoating in a Can was tested on semi-trailer hot rolled steel, without any metal preparation. Surfaces should be free of loose dirt, process oils, grease and any contamination that may interfere with adhesion. These contaminants would be expected to attenuate the protection.

### **Application**

Undercoating in a Can (Bulk Spray Grade) is supplied ready to use, direct from the container. We do not recommend thinning of this product. Incorrect thinning will affect film build-up, dry time and product performance. Undercoating in a Can can be applied using an Airless Spray System or our purpose built QuikCoat Precision Sprayer unit that works off compressed air. Hold the nozzle 12-16" from the substrate and spray in a steady back and forth motion, slightly overlapping each stroke. Keep the nozzle the same distance from the surface and in motion while spraying. For best results apply 5 mils (125µ) dry film thickness. Remove any overspray from the paint finish immediately. Coverage at this thickness is about 200 sq. ft. per gallon (at 100% transfer efficient). Do not use near an open flame.

### **Dry and Recoat**

Dry and recoat times are based on 77°F (25°C) and 50% relative humidity with moderate air flow. Allow more time at cooler temperatures. Dries to touch at the recommended film thickness in 60 minutes. Can be recoated 1-2 minutes after initial application and anytime thereafter. Product is fully cured 24 hours after final application.

### **Clean Up**

Wipe off tip when finished. Clean up wet or dry coating film with mineral spirits. Properly discard empty container. Do not burn or place in home trash compactor.

### **Clogging**

If the valve clogs, twist and pull off spray tip and rinse in mineral spirits. Do not insert any object into can valve opening.

