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› [HI-TECH Premium Rubberized Undercoat Spray \(Model HT18023\) Instruction Manual](#)

HI-TECH HT18023

HI-TECH Premium Rubberized Undercoat Spray (Model HT18023) Instruction Manual

Comprehensive guide for application, maintenance, and safety.

PRODUCT OVERVIEW

The HI-TECH 18023 Premium Rubberized Undercoat is a high-performance aerosol solution designed for vehicle protection. This formula provides rust prevention, moisture protection, and sound dampening. It applies easily, drying to a deep black, rubberized finish that resists road salt, gravel, water, and corrosion. It is suitable for undercarriages, fender wells, and rocker panels, and helps reduce road noise. Once cured, the undercoat is paintable and is VOC-compliant, making it suitable for professional and DIY automotive applications on cars, trucks, and RVs.

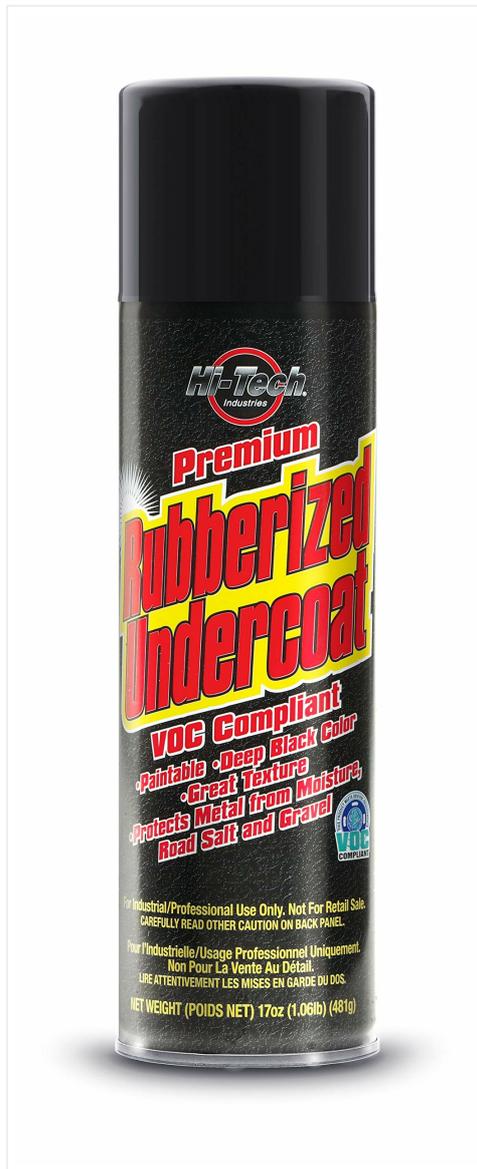


Image: HI-TECH Premium Rubberized Undercoat Spray can. This image displays the product in its aerosol can form, highlighting its deep black color and rubberized finish properties.

SETUP AND PREPARATION

1. **Safety First:** Work in a well-ventilated area. Wear appropriate personal protective equipment, including gloves, eye protection, and a respirator.
2. **Surface Cleaning:** Ensure the application surface is clean, dry, and free of loose rust, dirt, grease, oil, and old flaking undercoating. Use a degreaser if necessary, and allow the surface to dry completely.
3. **Masking:** Mask off any areas not intended for coating, such as exhaust systems, brake lines, and painted body panels, to prevent overspray.
4. **Temperature:** For best results, apply when ambient temperature is between 50°F (10°C) and 90°F (32°C).
5. **Shake Can:** Shake the aerosol can vigorously for at least one minute after the mixing ball begins to rattle. Continue to shake occasionally during application.

OPERATING INSTRUCTIONS (APPLICATION)

1. **Test Spray:** Before applying to the vehicle, test spray on a scrap piece of material to ensure proper spray pattern and consistency.

2. **Application Distance:** Hold the can 10-12 inches (25-30 cm) from the surface.
3. **Even Coats:** Apply in smooth, even strokes, overlapping each pass slightly. Avoid heavy, thick coats to prevent sagging and ensure proper drying.
4. **Multiple Coats:** For enhanced protection and sound dampening, apply multiple thin coats. Allow 15-30 minutes between coats for flash-off.
5. **Drying Time:** The undercoat is typically tack-free in 1 hour and fully cured in 24 hours, depending on temperature and humidity. Do not expose to moisture or road debris until fully cured.
6. **Paintable:** Once fully cured (after 24 hours), the undercoat can be painted over if desired.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the undercoated areas for any signs of damage, chipping, or wear, especially after driving in harsh conditions (e.g., salted roads, gravel).
- **Cleaning:** Clean the undercoated surfaces with mild soap and water. Avoid harsh chemicals or high-pressure washing directly on the undercoat, as this may compromise its integrity over time.
- **Touch-Ups:** If minor damage or wear is observed, clean the affected area thoroughly and reapply a thin coat of HI-TECH Premium Rubberized Undercoat to maintain protection.
- **Storage:** Store the aerosol can in a cool, dry place, away from direct sunlight and heat sources. Ensure the cap is securely replaced after use.

TROUBLESHOOTING

Problem: Uneven spray or product coming out in chunks.

Solution: This often indicates insufficient shaking or a clogged nozzle. Ensure the can is shaken vigorously for at least one minute before use and periodically during application. If the nozzle is clogged, remove it and clean it with mineral spirits or a thin wire. Replace the nozzle if cleaning is ineffective. Ensure ambient temperature is within the recommended range (50°F - 90°F).

Problem: Poor adhesion or peeling.

Solution: Poor adhesion is typically due to inadequate surface preparation. Ensure the surface is completely clean, dry, and free of all contaminants (grease, oil, loose rust, dirt) before application. Sanding lightly may improve adhesion on very smooth surfaces. Avoid applying in high humidity or cold temperatures.

Problem: Sagging or dripping.

Solution: This occurs when too much product is applied in a single coat. Apply multiple thin, even coats instead of one heavy coat. Allow adequate flash-off time (15-30 minutes) between coats.

Problem: Slow drying time.

Solution: Drying time can be affected by temperature, humidity, and coat thickness. Ensure application is done in a well-ventilated area within the recommended temperature range. Avoid applying in high humidity. Apply thinner coats to facilitate faster drying.

SPECIFICATIONS

Brand	HI-TECH
Model Number	HT18023
Color	Deep Black

Finish Type	Matte
Item Volume	17 Fluid Ounces (19.4 oz aerosol can)
Special Feature	Rust Prevention, Moisture Resistance, Sound Dampening
Paint Type	Modern Compliant Formulation (VOC Compliant)
Specific Uses	Automotive applications, soundproofing, sealing, rust prevention (undercarriages, fender wells, rocker panels)
Surface Recommendation	Metal
Indoor/Outdoor Usage	Outdoor
Is Waterproof	True
Dry Time (Tack-Free)	1 hour
Cure Time (Full)	24 hours
UPC	650753180230

WARRANTY INFORMATION

Specific warranty details for the HI-TECH Premium Rubberized Undercoat Spray are not provided in the product information. For warranty inquiries, please contact HI-TECH Industries directly. Generally, products are warranted against manufacturing defects under normal use. Keep your purchase receipt as proof of purchase.

CUSTOMER SUPPORT

For technical assistance, product questions, or support, please refer to the manufacturer's official website or contact their customer service department. HI-TECH Industries is a USA-based manufacturer of car care supplies. You can typically find contact information on the product packaging or the brand's official online presence.

- **Manufacturer:** HI-TECH Industries, Inc.
- **Website:** www.hitechindustries.com (Note: This is a general assumption for a brand website, actual URL may vary)
- **General Inquiries:** Refer to the contact section on the official website for phone numbers or email addresses.

