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› VHT SP650 All-Weather Epoxy Paint Instruction Manual

## VHT SP650

# VHT SP650 All-Weather Epoxy Paint Instruction Manual

Model: SP650

## 1. PRODUCT OVERVIEW

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The VHT SP650 All-Weather Epoxy Paint is a high-performance, one-step epoxy coating engineered for durability and ease of use. This product eliminates the need for a separate primer, simplifying the painting process. It is formulated to provide a robust, porcelain-like finish that offers excellent resistance against chemicals, corrosion, rust, and salt. Designed to withstand intermittent temperatures up to 250°F (121°C), it is suitable for a variety of applications including automotive components like suspension and kick panels, as well as general tools and other surfaces requiring a tough, long-lasting protective coating.

# VERY HIGH TEMPERATURE

IS WHAT VHT STANDS FOR AND WHAT  
VHT PRODUCTS ARE ALL ABOUT



Image 1.1: VHT products are designed for very high temperature applications, ensuring durability.

## 2. SAFETY INFORMATION

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Always prioritize safety when working with aerosol paints. Read and understand all warnings on the product label before use.

- **Ventilation:** Use in a well-ventilated area. Avoid breathing vapors. If working indoors, ensure adequate airflow or use a respirator.
- **Flammability:** This product is extremely flammable. Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke during application.
- **Eye Protection:** Wear appropriate eye protection, such as safety goggles, to prevent accidental contact.
- **Skin Protection:** Wear protective gloves and clothing to prevent skin contact. Wash hands thoroughly after handling.
- **Disposal:** Dispose of contents and container in accordance with local, regional, national, and international regulations.

- **Storage:** Store in a cool, dry place, away from direct sunlight and out of reach of children and pets.

**Legal Disclaimer: Aerosol kits must ship ground. Aerosol kits cannot be shipped to a PO Box, APO, or FPO.**

## 3. SETUP AND PREPARATION

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### 3.1 Surface Preparation

Proper surface preparation is critical for optimal adhesion and finish quality.

1. **Clean:** Thoroughly clean the surface to be painted, removing all dirt, grease, oil, wax, rust, and loose paint. Use a suitable degreaser or wax and grease remover.
2. **Sand:** For best adhesion, lightly sand smooth or glossy surfaces with fine-grit sandpaper (e.g., 320-400 grit) to create a profile for the paint to adhere to.
3. **Rinse & Dry:** Rinse the surface completely with water and allow it to dry thoroughly. Ensure no moisture remains.
4. **Mask:** Mask off any areas not intended for painting using painter's tape and masking paper or plastic.

### 3.2 Product Preparation

Before application, prepare the paint can as follows:

- Shake the can vigorously for at least one minute after the mixing ball begins to rattle. Continue to shake occasionally during application.
- Test spray on an inconspicuous area or scrap material to check spray pattern and color.

## 4. OPERATING AND APPLICATION

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Apply VHT SP650 All-Weather Epoxy Paint using the following steps:

1. Hold the can approximately 10-12 inches (25-30 cm) from the surface.
2. Apply paint in light, even coats using a steady, sweeping motion. Avoid applying heavy coats to prevent runs and drips.
3. Allow 10-15 minutes between coats for proper flash-off.
4. Apply 2-3 light coats for optimal coverage and durability.
5. The paint is dry to the touch in 30 minutes and dries thoroughly overnight. No curing is required for this product.
6. After use, invert the can and spray until only clear gas comes out to clear the nozzle and prevent clogging.





Image 4.1: VHT SP650 All-Weather Epoxy Paint, Gloss Black, 11 oz Aerosol Can.

## 5. MAINTENANCE AND CARE

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Once applied and fully dried, the VHT SP650 All-Weather Epoxy Paint provides a durable finish. To maintain its appearance and protective qualities:

- Clean painted surfaces with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- Regularly inspect painted surfaces for any signs of damage or wear, especially in high-stress areas or those exposed to harsh elements.
- Touch up small chips or scratches promptly to prevent rust or further deterioration of the coating.

## 6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Runs or Sags	Too much paint applied in one coat; can held too close to surface.	Apply lighter, more even coats. Increase distance from surface (10-12 inches).
Poor Adhesion / Peeling	Improper surface preparation (grease, dirt, rust); surface too smooth.	Ensure surface is thoroughly cleaned and lightly sanded before painting.
Uneven Spray Pattern	Can not shaken enough; clogged nozzle; low temperature.	Shake can vigorously. Clear nozzle by inverting and spraying. Ensure ambient temperature is suitable for painting.
Slow Drying Time	High humidity; low temperature; too thick coats.	Ensure good ventilation. Apply in recommended temperature range. Apply thinner coats.

## 7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	VHT
Model Number	SP650
Color	Gloss Black
Finish Type	Gloss
Size	11 Ounce (Pack of 1)
Item Volume	11 Fluid Ounces
Temperature Resistance	Up to 250°F (121°C) intermittent
Special Features	Rust Resistant, Self-Priming, All-Weather, Chemical Resistant, Corrosion Resistant, Salt Resistant
Dry to Touch	30 minutes
Full Dry Time	Overnight
Curing Required	No
UPC	010155006505

## 8. WARRANTY AND SUPPORT

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For specific warranty information regarding your VHT SP650 All-Weather Epoxy Paint, please refer to the product packaging or visit the official VHT website. Warranty terms typically cover manufacturing defects.

For technical support, product inquiries, or assistance with application, please contact VHT customer service through their official website or the contact information provided on the product label. Always have your product model number (SP650) and purchase details ready when contacting support.