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## VHT SP651

# VHT SP651 All-Weather Epoxy Paint – Gloss White Spray Paint Instruction Manual

Model: SP651

## INTRODUCTION

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This manual provides detailed instructions for the proper use and application of VHT SP651 All-Weather Epoxy Paint in Gloss White. This product is a one-step epoxy coating designed for durability and a baked-on finish appearance. It offers resistance to chemicals, corrosion, rust, and salt, making it suitable for various interior and exterior metal surfaces.





Image: VHT SP651 Gloss White Epoxy Paint aerosol can. The can features a purple and black label with the VHT logo and product name "Epoxy Paint". It highlights features like "Self Priming", "All Weather", "Rust & Salt Resistant", and "250°F (121°C)".

## PRODUCT FEATURES

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- **One-Step Epoxy Coating:** Does not require a separate primer.
- **All-Weather Durability:** Formulated to withstand various environmental conditions.
- **Temperature Resistance:** Withstands intermittent temperatures up to 250°F (121°C).
- **Durable Finish:** Provides a porcelain-like finish with the appearance and durability of a baked-on coating.
- **Resistance:** Chemical, corrosion, rust, and salt resistant.
- **Fast Drying:** Dry to the touch in 30 minutes, thoroughly dry overnight. No curing required.
- **Easy Application:** Features an easy-to-use spray nozzle for maximum coverage.
- **Versatile Use:** Ideal for suspension components, kick panels, tools, and other metal surfaces.

## SAFETY INFORMATION

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Always prioritize safety when using aerosol paint products. Failure to follow safety precautions can result in injury or property damage.

- **Ventilation:** Use in a well-ventilated area. Avoid breathing vapors. If used indoors, ensure adequate fresh air circulation.
- **Personal Protective Equipment (PPE):** Wear appropriate eye protection (safety glasses), gloves, and a respirator mask designed for paint fumes.
- **Flammability:** This product is extremely flammable. Keep away from heat, sparks, open flames, and other ignition sources. Do not smoke while using.
- **Storage:** Store in a cool, dry place away from direct sunlight and temperatures above 120°F (49°C). Keep out of reach of children and pets.
- **Disposal:** Dispose of empty cans and unused product according to local regulations. Do not puncture or incinerate cans.
- **First Aid:** In case of eye contact, flush with water for 15 minutes and seek medical attention. For skin contact, wash with soap and water. If inhaled, move to fresh air. If swallowed, do not induce vomiting; call a poison control center immediately.

## PREPARATION

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Proper surface preparation is crucial for optimal adhesion and durability of the VHT SP651 Epoxy Paint.

1. **Clean Surface:** Ensure the surface is clean, dry, and free from grease, oil, wax, rust, and loose paint. Use a suitable degreaser or wax remover if necessary.
2. **Remove Rust/Loose Paint:** For rusted or previously painted surfaces, remove all rust and loose paint using a wire brush, sandpaper, or chemical stripper. Sand smooth any rough areas.
3. **Sanding (Optional but Recommended):** Lightly sand smooth, non-porous surfaces with fine-grit sandpaper (e.g., 320-400 grit) to create a profile for better adhesion. Wipe away sanding dust with a tack cloth.
4. **Masking:** Mask off any areas not intended for painting using painter's tape and masking paper or plastic.
5. **Temperature:** For best results, apply when ambient temperature is between 60°F (16°C) and 90°F (32°C) and humidity is low.

## APPLICATION INSTRUCTIONS

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Follow these steps for effective application of VHT SP651 All-Weather Epoxy Paint.

1. **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.
2. **Test Spray:** Before applying to the actual surface, test spray on a scrap piece of material to ensure proper spray pattern and color match.
3. **Apply Light Coats:** Hold the can 10-12 inches (25-30 cm) from the surface. Apply several thin, even coats with a steady, sweeping motion. Avoid heavy coats to prevent runs and drips.
4. **Recoat Time:** Allow 5-10 minutes between coats. Apply additional coats until desired coverage and finish are achieved.
5. **Clear Nozzle:** After each use, invert the can and spray for 2-3 seconds to clear the nozzle. If the nozzle clogs, remove and clean with lacquer thinner. Do not insert pins or other objects into the can valve.

## DRYING AND CURING

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Understanding the drying and curing times is important for the longevity of the paint finish.

- **Dry to Touch:** Approximately 30 minutes.
- **Handle Time:** Allow at least 1 hour before handling painted items.
- **Thoroughly Dry:** Overnight (typically 8-12 hours).
- **Full Hardness:** The paint will achieve full hardness and maximum durability over several days. Avoid subjecting the painted surface to harsh conditions or heavy abrasion during this period.
- **No Curing Required:** This epoxy paint does not require a specific heat curing process.

## MAINTENANCE

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To maintain the appearance and protective qualities of your VHT SP651 Epoxy Paint finish:

- **Cleaning:** Clean painted surfaces with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Periodically inspect painted surfaces for any signs of damage, chipping, or wear. Touch up as needed following the application instructions.
- **Protection:** While durable, avoid unnecessary impact or abrasion to prolong the life of the coating.

## TROUBLESHOOTING

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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. Maintain proper distance (10-12 inches). Allow adequate drying time between coats.
Poor Adhesion	Improper surface preparation (grease, oil, rust, or loose paint not removed); surface too smooth.	Thoroughly clean and degrease the surface. Remove all rust and loose paint. Lightly sand smooth surfaces.
Uneven Finish / Mottling	Insufficient shaking of the can; inconsistent spray pattern; extreme temperatures.	Shake can vigorously before and during use. Maintain consistent spray motion. Apply in recommended temperature range.
Nozzle Clogging	Paint drying in the nozzle after use.	Invert can and spray after each use to clear nozzle. Clean clogged nozzles with lacquer thinner.

## SPECIFICATIONS

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<b>Brand</b>	VHT
<b>Model Number</b>	SP651 (AXCSP651)
<b>Color</b>	Gloss White
<b>Finish Type</b>	Gloss
<b>Paint Type</b>	Epoxy
<b>Item Form</b>	Aerosol Can
<b>Item Volume</b>	11 Fluid Ounces (312g)
<b>Coverage</b>	Approximately 15 sq ft
<b>Temperature Resistance</b>	Up to 250°F (121°C) intermittent
<b>Special Features</b>	Rust Resistant, Chemical Resistant, Corrosion Resistant, Salt Resistant, Self-Priming
<b>Surface Recommendation</b>	Metal
<b>Specific Uses</b>	Interior/Exterior, Suspension, Kick Panels, Tools
<b>UPC</b>	010155006512
<b>Product Dimensions</b>	2.61 x 2.61 x 7.95 inches
<b>Item Weight</b>	14.9 ounces

## WARRANTY AND SUPPORT

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Specific warranty information for VHT SP651 All-Weather Epoxy Paint is not provided in the product details. For warranty claims, technical support, or further assistance, please contact VHT customer service directly or visit their official website. You can find more information and contact details by visiting the VHT Store on Amazon.