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> VHT SP145 Engine Enamel Gloss Clear - 11 oz. Instruction Manual

## VHT SP145

# VHT SP145 Engine Enamel Gloss Clear - 11 oz. Instruction Manual

Model: SP145 | Brand: VHT

## INTRODUCTION

This manual provides detailed instructions for the proper use and application of VHT SP145 Engine Enamel Gloss Clear. This high-performance coating is designed to withstand extreme temperatures and provide a durable, chemical-resistant finish for various automotive components, ensuring long-lasting protection and a professional appearance.

## PRODUCT FEATURES

- **VHT High Heat Paint:** VHT 550° Engine Enamel features a unique blend of urethane & ceramic resins for maximum heat resistance. It produces a long-lasting finish for engines, engine accessories, or wherever a durable heat or chemical-resistant finish is needed.
- **Specially Formulated:** VHT high heat engine paint is specially formulated to withstand corrosion, rust, salt spray, chemicals, and additives of today's gasoline blends and degreasers.
- **Applications:** This VHT paint is ideal for headers, engine blocks, starters, brackets, water pumps, valve covers, transmissions, and differential covers. It dries to the touch in 1 hour and dries thoroughly overnight.
- **Wide Range of Colors:** VHT high heat spray paint for engines offers versatile restoration or customization options in flat, satin & gloss finishes, available in 31 colors: 15 OEM colors, 12 Universal, and 4 bright metallics, plus primer & clear.
- **VHT Quality:** VHT provides extreme heat resistance and race-inspired coatings for vehicle enthusiasts looking for ultimate protection and performance.

## IMPORTANT SAFETY INFORMATION

Aerosol products must ship ground and cannot be shipped to a PO Box, APO, or FPO. Always work in a well-ventilated area. Wear appropriate personal protective equipment, including gloves and eye protection. Refer to the product label for additional safety warnings and first aid instructions.

**Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## PREPARATION

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Proper surface preparation is crucial for optimal adhesion and durability of VHT Engine Enamel.

1. **Clean the Surface:** Thoroughly clean the surface to be painted, removing all dirt, grease, oil, wax, and loose rust. Use a suitable degreaser or wax remover.
2. **Remove Loose Rust/Paint:** Use a wire brush or scuff pad to remove any loose rust or chipping paint. Sand smooth any rough areas.
3. **Prime (Optional but Recommended):** For bare metal or areas with significant surface imperfections, apply a VHT Engine Enamel Primer (e.g., Light Gray Primer) for enhanced adhesion and a smoother finish. Allow primer to dry according to instructions.
4. **Mask Adjacent Areas:** Mask off any areas not intended for painting to prevent overspray.



Image: An engine bay with a brightly painted yellow engine, demonstrating a finished application.

## APPLICATION

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Apply VHT SP145 Engine Enamel in a well-ventilated area, ideally between 60°F (16°C) and 95°F (35°C).

1. **Shake Can:** Shake the can vigorously for one minute after the mixing ball begins to rattle. Continue to shake occasionally during use.
2. **Test Spray:** Test spray on an inconspicuous area to check color and spray pattern.
3. **Apply Light Coats:** Hold the can 8 to 10 inches (20-25 cm) from the surface. Apply two to three light coats with no more than 10 minutes between coats. Avoid heavy coats to prevent runs and sags.
4. **Even Motion:** Use a steady, sweeping motion, moving the can up and down and side to side to ensure even coverage, especially in hard-to-reach areas.

# VERY HIGH TEMPERATURE

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



Image: A VHT SP145 Engine Enamel Gloss Clear spray can, ready for application.

Your browser does not support the video tag.

Video: Official VHT Automotive Paint overview, showcasing various applications and product lines.

## CURING

Allow adequate time for the paint to dry and cure for optimal performance and durability.

- **Dry to Touch:** Dries to the touch in 1 hour.
- **Handle Time:** Can be handled in 2-3 hours.
- **Full Cure:** Dries thoroughly overnight. For maximum durability and chemical resistance, allow 24 hours for full cure before exposing to extreme conditions or high temperatures.

## TROUBLESHOOTING COMMON ISSUES

If you encounter any issues during application, consider the following:

- **Runs or Sags:** Caused by applying too much paint in one area or holding the can too close. Apply lighter, more even coats. Allow to dry, then lightly sand and reapply.
- **Uneven Coverage:** Ensure consistent spray distance and overlapping passes. Proper surface preparation

(sanding, priming) also helps achieve a uniform finish.

- **Poor Adhesion:** Often due to inadequate surface cleaning or preparation. Ensure all contaminants are removed and the surface is properly primed if necessary.

## SPECIFICATIONS (MODEL SP145)

Attribute	Value
Brand	VHT
Color	Gloss Clear
Finish Type	Gloss
Size	11 Ounce (Pack of 1)
Item Volume	11 Fluid Ounces
Special Feature	Chip Resistant
Unit Count	11.0 Ounce
Paint Type	Enamel
Specific Uses For Product	Engine
Surface Recommendation	Paintable Surfaces
Item Form	Aerosol
Is Waterproof	True
Package Information	aerosol can
Color Code	Gloss Clear
Full Cure Time	1 Hour (Dry to touch), Overnight (Thoroughly dry)
Coverage	24-30 sq ft
Water Resistance Level	Water Resistant
UPC	010155001456
Item model number	SP145
Manufacturer Part Number	SP145
OEM Part Number	SP145

## MAINTENANCE

Once fully cured, the VHT Engine Enamel provides a durable finish. Clean painted surfaces with mild automotive cleaners. Avoid abrasive cleaners or harsh chemicals that could damage the finish. Regular cleaning will help maintain the appearance and integrity of the coating.

## WARRANTY AND CUSTOMER SUPPORT

For warranty information or technical support regarding your VHT SP145 Engine Enamel, please refer to the official VHT website or contact their customer service department. Keep your purchase receipt for any warranty claims.