



# Flameproof™ Coating

SP100-102,104, 106,  
108-110, 114, 115,  
117, 118, 998

## Product Description

VHT® Flameproof™ Coating will renew and extend the life of any surface exposed to extremely high temperatures. The unique coating is a matte finish, silicone ceramic base widely used by the automotive industry on exhaust systems and the aerospace industry for jet engines, re-entry vehicles and other high temperature applications. It will withstand temperatures up to 2000°F (1093°C).

## Product Characteristics

**Primer:** Flat Gray & Flat White

**Colors:** Flat White, Flat Black, Flat Gray, Flat Silver, Flat Yellow, Flat Red, Flat Blue, Flat Orange, Satin Clear, Flat Aluminum, and Cast Iron.

**Finishes:** Flat & Satin with SP115

## Properties

**Product Weight:** 6.59 lb/gal

**Flash Point:** Propellant < 0° F

## Coating System

VHT provides a multi-high performance coating system for the ultimate in protection and quality. The system includes surface preparation, primer, paint, and clear coat.

**Prep** SP575 Strip Fast

**Prime** SP118 Flameproof Primer

**Coat** SPxxx Flameproof Color

**Finish** SP115 Flameproof Clear

## Uses

Headers, Exhaust Manifolds, Piston Domes, and Inside Heads

Surfaces:

- Metal

## Application

**For maximum product performance read entire label directions prior to application.**

*Prepare surface by removing loose paint, grease, wax, and dirt. For best results, use grease & wax remover to clean the surface. Scuff/sand surface with a red Scotch Brite pad or equivalent until bare metal is bright and shiny. Wipe surface again with grease & wax remover to remove all contaminants.*

Mask off surrounding areas to protect from overspray. Use at temperatures between 60°F (30°C) and 95°F (35°C).

Shake can vigorously for one full minute after mixing ball moves freely. Shake it for 10 seconds after each minute of use. For maximum adhesion and color consistency, the use of a Flameproof Primer is recommended. To spray, hold the can 8 to 10 inches from the surface to be painted and use in an even, sweeping motion. To avoid ruins and sags, apply in 2 light coats, followed by one medium wet coat. Apply all coats within one hour, allowing 10 minutes in between each coat. For additional coats after one hour, wait 7 days for paint to cure. Dries to touch in 1 hour, can be handled in 3 hours. Covers approximately 12 to 14 square feet.

The EZ TOUCH™ Nozzle results in 50% less finger fatigue than a standard nozzle, allows for greater coverage and less overspray.

## Curing

**VHT FlameProof Coating only attains its unique properties after correct curing.**

**Off the Vehicle:** Paint must be completely dry before curing. Bake at 250°F (121°C) for 30 minutes then let cool for thirty minutes. Bake at 400°F (204°C) for 30 minutes then let cool for thirty minutes. Bake at 600°F (315°C) for 30 minutes then let cool for 30 minutes.

**On the Vehicle:** Paint must be completely dry before curing. Run at idle for 10 minutes then let cool 20 minutes. Run at idle for 20 minutes then let cool 20 minutes. Run under normal operating conditions for 30 minutes then let cool.

## Packaging

**Fill Weight:** 11oz

**Per Case:** 6 cans

**Case Weight:** 6 lbs

**Cases/Pallet:** 156

**Units/Pallet:** 936 cans