



Technical Data

Engine Enamel High Temp Engine Paint



TYPICAL PROPERTIES

Weight per gallon: 9.0 – 9.2 lb

Flash Point: 123° F

Viscosity: 550-600 cP

Theoretical coverage: 250-450 sq. ft. per gal., depending on surface

Solids by volume: 70.6%

Recommended dry film thickness: 6-7 mils DFT (applied in 2-3 wet coats)

Temperature Resistance: 350°F Continuous, 500°F intermittent

Recoat: after 2-72 hours

Cure Time: To Touch: 30-60 minutes, depending on ambient temperature and relative humidity, To Handle: 1 -2 Hours, To Recoat: 2-72 hours. Cure time varies with relative humidity, temperature and thickness of film

Shelf Life: 2 years provided containers remain unopened and stored between 50°-100°F.

Application Information

Bare Steel: Remove grease, oil, and other foreign substances with water based POR-15® Cleaner Degreaser then rinse with water. If surface was previously painted, sand with 320 grit sandpaper or a POR-15® Scuff Pad then apply POR-15® Engine Enamel. If surface is bare or rusted metal you must use POR-15® Metal Prep to prepare surface before painting. Spray or brush POR-15® Metal Prep onto surface and keep wet for 10-20 minutes then rinse thoroughly with water. For best results, next apply one coat of POR-15® Rust Preventive Coating. When POR-15® Rust Preventive Coating is dry to the touch with slight finger drag (approximately 2 to 6 hours) apply POR-15® Engine Enamel directly over POR-15® Rust Preventive Coating.

Apply in well-ventilated area only. Ideal ambient temperature for application is 70°F, but an acceptable temperature range is between 50-80°F. Mix POR-15® Engine Enamel by stirring only. Do not shake. POR-15® Engine Enamel can usually be brushed without thinning. A full coat will usually cover but if a second coat is needed, apply when first coat is dry to the touch (no finger drag) and within 24 hours of first coat.

Dry Time: Wait 4-6 days before starting engine.

Previously Finished or Primed Surfaces: Using POR-15® Cleaner Degreaser ensure that the surface is clean, dry, and free from oil, grease, dirt, salts, and any other contaminants. All blistered and loose paint must be removed. Glossy surfaces should be roughened with 320 grit before recoating.

Safety Information

DANGER: FLAMMABLE LIQUID. Keep away from open flames and sources of ignition. Harmful or fatal if swallowed. Use only with adequate ventilation. Avoid contact with skin and eyes. Eye, skin and respiratory irritant. Wear suitable personal protective equipment to avoid exposure.

WARNING: This product contains chemicals known to the State of California to cause cancer.

FIRST AID: In case of eye contact, flush thoroughly with water for 15 minutes and get medical attention. For skin contact, wash with soap and water. If overcome by vapors, remove to fresh air. If swallowed, do not induce vomiting, contact physician immediately.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Harmful or fatal if swallowed. Do not use on children's toys which may be put into mouth.

Contains Petroleum Solvents. Keep away from heat and flame. Air-supplied respirators should be used when spraying POR-15® Engine Enamel. To avoid breathing vapors, organic vapor particulate respirators, NIOSH/MSHA approved, must be used. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Seal container immediately after dispensing. Do not smoke during application and until all vapors (odors) are gone. To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled closed metal container.

IN CASE OF: FIRE – Use foam, CO2, dry chemical, or water fog. **SPILL** – Absorb with inert material and dispose of in accordance with applicable regulations.

DISPOSAL: Empty container with product residue may still be flammable; follow all hazard statements until it has been disposed of. Contains organic solvents which may cause adverse effects on the environment if disposed of improperly. Consult your sanitation department for more information on disposal of empty containers. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. Local requirements vary; contact your state-designated environmental agency for information concerning re-use, recycling, or disposal of solvent-borne paint.



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