



## POR-15 Detail Paint

### PRODUCT DESCRIPTION

*Product Description:* **POR-15® Detail Paint** is a professional grade aerosol applied coating that restores metal parts to their original appearance. **POR-15® Detail Paint** is a direct-to-metal coating designed to work incredibly well in all applications where there is a need to help preserve substrates and resist corrosion and abrasion while giving an renewed appearance that does not yellow.

**POR-15® Detail Paint** provides excellent adhesion and when used over **POR-15® RUST PREVENTIVE COATING** works to provide a permanent barrier to corrosion.

**Applications:** For use over prepared metal surfaces.

- Cylinder heads
- Engine blocks
- Water pumps
- Industrial Interior / exterior
- New construction
- Repaints
- Railings
- Storage tanks
- Machinery
- Structural steel
- Piping
- Steel decking

**Colors:** Cast Aluminum, Cast Iron, Stainless Steel

### TYPICAL PROPERTIES

Weight per gallon: 9.0 – 9.2 lb

Flash Point: -4o F

Volatile Organic Content (VOC): 58%

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

Solids by volume: 17- 21% (varies by color)

Recommended dry film thickness: 3-5 mils DFT (applied in 2-3 wet coats)

Temperature Resistance:

300oF Continuous, 500oF for periods

Cure Time:

To Touch: 5-10 minutes, depending on ambient temperature and relative humidity

To Recoat: 10-20 hours. Cure time varies with relative humidity, temperature and thickness of film

To Handle: 1 -2 Hours

**Proper surface preparation is essential to achieve a high quality finish. Read the MSDS sheet and wear proper protection, which may include gloves, eye protection, and/or other protective devices.**

### Surface Preparation: *Bare Metal*

Using **POR-15® Cleaner Degreaser** clean all surfaces shall be free of loose rust, millscale and contaminants such as oil, grease, dirt, and salts. Before any surface preparation is attempted, oil and grease must be removed by employing SSPC-SP1 Solvent Cleaning. Use Near-White Blast Cleaning to



## POR-15 Detail Paint

SSPC-SP10 to remove millscale, rust, and other contaminants and leave a roughened surface. You must use **POR-15® Metal Prep** first if you are painting on new steel, galvanized metal, aluminum, or any smooth metal surface.

### **Surface Preparation: 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.

**NOTE - PREVIOUSLY COATED SURFACES:** Maintenance painting will frequently not permit complete removal of old coatings prior to repainting a particular surface. Please recognize that any surface preparation, short of removal of all old coatings, may compromise the service life of the new coating system. Check compatibility of previously painted surfaces using a test patch with the coating.

**REMEMBER TO STIR THIS PRODUCT BEFORE AND DURING USE.**

### ***Application Information***

Care must be taken to achieve the specified wet and dry film thicknesses. Uniform, even coats must be obtained.

Application Conditions Temperature:

surface

50°F (10°C) minimum, 120°F (49°C) maximum

air and material

50°F (10°C) minimum, 120°F (49°C) maximum

At least 5°F (2.8°C) above dew point Relative humidity: 85% maximum

### ***Clean Up Instructions***

Clean all equipment immediately after use.

### ***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



## POR-15 Detail Paint

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, CO<sub>2</sub>, 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.**

**FOR PROFESSIONAL USE ONLY NOT FOR RESIDENTIAL USE KEEP OUT OF REACH OF CHILDREN**

**Refer to Material Safety Data Sheet available from your dealer for further safety and handling information.**