



# High Temp

## Heat Resistant Paint

- Temperatures up to 1200° F
- Resists Cracking, Chipping & Peeling
- Weather, Salt & Moisture Resistant
- Professional Use

**Guaranteed to maintain rich, brilliant colors without burning off or discoloring.**

POR-15® High Temp is capable of withstanding extreme temperatures up to 1200°F and will resist cracking, chipping, and peeling. Product in gallon, quart and 8 oz. cans is formulated to be brushed on or thinned to spray. Also available in convenient 15oz aerosol spray can. Sandblasting is optimum surface preparation. Flat Black, Manifold Gray, and Aluminum, can be used on all cars, domestic or foreign, and meet or exceed properties and requirements of MIL-C-13370.



PRODUCT	SIZE	CODE
Flat Black	Gal.	44101
Flat Black	Qt.	44104
Flat Black	8 oz.	44116
Flat Black	Spray 15 oz.	44118
Manifold Gray	Gal.	44201
Manifold Gray	Qt.	44204
Manifold Gray	8 oz.	44216
Manifold Gray	Spray 15 oz.	44218
Aluminum	Gal.	44301
Aluminum	Qt.	44304
Aluminum	8 oz.	44316
Aluminum	Spray 15 oz.	44318

### **Applications:**

- High heat stacks
- Boiler jackets or breechings
- Heat exchangers
- Drying kilns
- Incinerators
- Ovens



# Product Information

## High Temp Heat Resistant Paint



### Product Description

POR-15® High Temp is designed for use on metal surfaces subject to elevated temperatures. The coating is designed to protect steel that is exposed to heat ranges up to 1200°F. This coating system provides excellent weathering. Resists mild industrial fumes and properly cured films will resist thermal shock.

### Application Information

On previously painted surfaces blistered and loose paint must be removed. Clean painted and bare metal surfaces with POR-15® Cleaner Degreaser to ensure that the surface is clean, dry, and free from oil, grease, dirt, salts, and any other contaminants. Prime all bare areas with POR-15® High Temp Coating before a full coat is applied. Glossy surfaces should be roughened with 320 grit sand paper before recoating. Allow POR-15® High Temp Coating to cure for 24 hours on the surface before temperature is raised above 300°F for full cure.

Dry time: Cures to touch in 4 hours. Second coat can be applied in 24 hours, depending on ambient temperature and humidity. POR-15® High Temp reaches maximum hardness after heat exposure above 300°F (150°C) for 15 minutes and then allowed to cool down.

Clean up: Do not put left-over paint back into can. Clean all equipment immediately after use. At the same time, flush out all fluid lines and carefully clean pressure pots. Use clean POR-15® Solvent only. It is also good practice to periodically clean the spray tip or the fluid tip/air cap combination during the course of the working day or shift.

#### (Aerosol spray can)

Directions: Surface must be clean, dry and free of all oil and other contaminants before painting. Protect surrounding areas from spray mist. Must be heat cured at a minimum temperature of 400°F for two hours. More than one coat may be required for full hide.

- Shake can at least one minute before and occasionally during use.
- Spray surface with steady, even strokes at a distance of 8 to 10 inches. Several light coats give a better finish than one heavy coat. For best results, recoat within 1 hour or after 24.

Cleanup: To prevent clogs in spray nozzle, hold can upside down and spray until clear gas appears. Completely empty cans may be recycled or disposed of with regular trash. Dispose of partially empty cans responsibly. DO NOT puncture, incinerate or compact.

### Safety Information

**WARNING! COMBUSTIBLE LIQUID AND VAPOR!** Health Hazard Information: Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors and other sources of ignition during use and until vapors are gone. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Overexposure may cause kidney, central nervous system, liver and testes damage. May cause skin, eye, nose and throat irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**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.

**Use Only With Adequate Ventilation:** Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not breathe vapor or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use.

**FIRST AID:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. Wash clothing and thoroughly clean contaminated shoes before reuse.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**WARNING:** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

(Manifold Gray/Flat Black)

⚠ **WARNING:** This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

(Aluminum)

⚠ **WARNING:** This product contains a chemical known to the State of California to cause cancer.

#### PROFESSIONAL USE • KEEP OUT OF REACH OF CHILDREN

Refer to Material Safety Data Sheet available upon request for further safety and handling information.

**P.O.R. PRODUCTS** 800-457-6715  
PORproducts.com

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