



## POR-15 HEAT RESISTANT PAINTS

### Application Information

#### GENERAL INSTRUCTIONS FOR USING POR-20, BRILLIANT ALUMINUM, FACTORY MANIFOLD GRAY, AND BLACK VELVET HEAT RESISTANT PAINTS.

**General Information:** POR-20, FACTORY MANIFOLD GRAY, and BLACK VELVET are designed for use on steel subject to elevated temperatures. The recommended application is two coats applied directly to properly prepared steel. These products will dry to the touch and can be easily handled afterward, but will remain relatively soft until exposed to heat over 300 degrees Fahrenheit (150°C). They may be susceptible to mechanical damage, but are unaffected by moderate term weather exposure. Avoid touching surface to be painted because natural oils in skin will interfere with proper adhesion.

**Surface Preparation:** Steel surfaces must be dry and cleaned of dirt, oils, rust, and other contaminants. For top performance and service, the best preparation is abrasive sand blasting. Stainless steel surfaces should be given a sweep-blast, or otherwise be mechanically abraded to create a surface profile which will give improved bonding. Surgical-type gloves should be worn for handling to keep natural body oils off the prepared surface.

**Spray Application:** Reduce, if necessary, up to 1 part POR-15® Solvent to 8 parts Heat Resistant paints. For Best Results: Two thin covering coats are recommended. Any sagging or running indicates that application is too heavy. Allow paint to set for 24 hours on the surface before temperature is raised. When applying two coats, allow the first coat to air dry 24 hours at 75°F (22°C) before recoating. Avoid going over the same area again after it has been painted. Alternately, the second coat may be applied after the first coat has been subjected to a surface temperature of 400°F (205°C) and then allowed to cool down.

**Thinner:** For brush or spray and clean-up purposes, use only POR-15 SOLVENT.  
Dry time: At 75°F (24°C), dry time is 4 hours to touch. Recoat after a minimum of 24 hours. Attains full hardness only after heat exposure above 300 degrees Fahrenheit (150°C).  
Safety: Improper handling and use may be hazardous. Recommended safety precautions for storage, handling, and application must be observed.

Keep away from heat, sparks, and flame. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**FIRST AID:** In case of eye contact, flush with plenty of water for at least 15 minutes and get medical attention. For skin, wash thoroughly with soap and water. If affected by inhalation of vapor or spray mist, remove to fresh air. If swallowed, get medical attention. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with applicable local regulations.

**NOTICE:** Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CONTAINS ORGANIC SOLVENT  
COMBUSTIBLE: HARMFUL IF INHALED; MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE LUNG IRRITATION. MAY CAUSE EYE AND SKIN IRRITATION.

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