



Technical Data

High Temp Heat Resistant Paint



TYPICAL PROPERTIES

COLORS: Aluminum, Manifold Gray, Black
Color in Container: (Aluminum, Gray or Black)
Solids Content/weight: Aluminum, Gray—41-43%, Black—49-51%
VOC: 565 g/L, 626 g/L, 575 g/L
Flash Point: 104°F
Sheen Aluminum—22-24% Gray, Black—1-3%
Freeze/Thaw Stability: Stable
Shelf Life: 4 years unopened store indoors at 40°F (4.5°C) to 100°F (31°C)
Dry To Touch: 1 hour
Drying Time: 3-5 hours
Theoretical coverage sq ft/gal (m2/L) @ 2 mil / 50 microns dft. 800 sq.ft/gal

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. For best results abrasive sandblasting or other mechanical abrasion should be used to create a surface profile similar to sandblasting. 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 leftover 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.

Safety Information

WARNING! COMBUSTIBLE LIQUID AND VAPOR! VAPOR HARMFUL. Contains Stoddard Solvent, crystalline silica, 1,2,4-trimethylbenzene, and aluminum flake: **MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE, OR NAUSEA. MAY CAUSE EYE, SKIN, NOSE, AND THROAT IRRITATION.** Aluminum flake will react with water slowly generating hydrogen gas and heat. Care should be taken when opening a previously used container to allow possible built up pressure to escape (hold down lid with one hand while opening container away from yourself with the other hand). **NOTICE:** Repeated and prolonged exposure to solvents may lead to permanent brain damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. To avoid breathing vapors or spray mist, open window and doors or use other means to ensure fresh air entry during application and drying. **Cancer Hazard:** contains crystalline silica which can cause cancer when in respirable form (spray mist or sanding dust).

Keep away from heat and flame. Use only with adequate ventilation. Do not breathe vapors, spray mist or spraying dust. Do not get in eyes or on skin. **WEAR A PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH FOR USE WITH PAINTS,** eye protection, gloves, and protective clothing during application (or sanding) and until all vapors and spray mist are exhausted. In confined places or in situations where continuous spray operations are typical, or if proper respirator fit is not possible, wear a positive-pressure, supplied air respirator approved by NIOSH. In all cases, follow respirator manufacturer's directions. Do not permit anyone without protection in the painting area. Close container after each use.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician. For skin, wash thoroughly with soap and water. In case of ingestion, **DO NOT** induce vomiting. Get medical help immediately.

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.

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



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