



HPC/Industrial Maintenance

Int/Ext Industrial Gloss Oil

Generic Type

Alkyd/Oil Resin

General Description

Industrial Enamels are for industrial use and may be used on properly prepared and properly primed interior or exterior surfaces of wood, metal, masonry, plaster, and composition board. Recommended for use on floors and machinery. For Professional use only; not intended for household use.

Recommended Uses

- Aluminum
- Concrete Floors
- Drywall
- Ferrous Metal
- Galvanized Steel
- Concrete, Stucco, Plaster, Masonry
- CMU
- Wood, Plywood

Features / Benefits

- Full color tinting capability.
- Durable interior/exterior gloss finish
- Performance Offset to Federal Standards TT-E-489, TT-E-505 and TT-E-506

Limitations of Use

Apply when temperatures are above 50°F (10°C) and surface temperatures is at least 5°F (3°C) above the dew point. Avoid exterior painting late in the day when dew and condensation are likely to form or if rain is threatening. Some surfaces coated with these products may become slippery when wet, Exercise Caution. All oil based alkyd products change color with age. Latex products are recommended when yellowing is a concern. For Professional use only; not intended for household use. Drying times listed may vary depending on temperature, humidity and air movement. DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.

Tinting and Base Information

Use PITTSBURGH® Paints Custom Colorants and refer to THE VOICE OF COLOR® formula book for tinting instructions.

Ready-mixed colors are also available.

- 7-282 White
- 7-801 Brilliant Red (Safety Red)
- 7-803 Regal Blue (Safety Blue)
- 7-804 Safety Green
- 7-805 Blaze Orange (Safety Orange)
- 7-806 Vista Green
- 7-808 Safety Yellow
- 7-809 Gloss Black
- 7-814 Pastel Base
- 7-815 Midtone Base
- 7-816 Deeptone Base
- 7-817 Deep Rustic Base

Product Data

- Gloss: Gloss: 80 to 100 (60° Gloss Meter)
- VOC*: 2.78 lbs/gal 333.00 g/L
- Coverage: 400 to 450 sq ft/gal (37 to 41 sq. m/3.78L)
- Note: Does not include loss due to varying application method, surface porosity, or mixing.*
- DFT: 2.0 minimum to 2.3 maximum
- Weight/Gallon*: 9.6 lbs. (4.4 kg) +/- 0.2 lbs. (91 g)
- Volume Solids*: 57% +/- 2%
- Weight Solids*: 98% +/- 2%
- Clean-up: Mineral Spirits

Results will vary by color, thinning and other additives.

*Product data calculated on 7-282

Drying Time:

- To Touch: 6 to 8 hours
- To Handle: 6 to 8 hours
- To Recoat: 24 hours
- Dry Time @77°F (25°C); 50% relative humidity

Flash Point: 110°F, (43°C)

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General Surface Preparation

Surface to be painted must be clean, dry, and free from surface contaminants. All cracks and other surface imperfections must be repaired and spot-primed. Dull glossy surfaces by sanding. Prime all bare and porous surfaces with the appropriate primer. WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

CONCRETE, STUCCO, PLASTER, MASONRY other than CMU: Allow all concrete, mortar, plaster, etc. to cure for thirty (30) days under normal drying conditions. Remove all dirt, dust, grime, loose mortar and all other forms of contamination. Concrete which has been treated with curing compounds or hardeners, should be thoroughly abraded.

CONCRETE MASONRY UNITS: Allow the mortar to cure for thirty (30) days under normal drying conditions. Remove all dirt, dust, grime, loose mortar and all other forms of contamination.

FERROUS METAL: Rust and other surface contaminants must be removed. Then the surface thoroughly cleaned to remove all other contaminants.

GALVANIZED STEEL: Solvent Clean per SSPC-SP1 to remove grease and oils. If any oxidation (white rust) has formed, sand and remove all forms of contamination. If the galvanized has been passivated or stabilized, the surface must be abraded, i.e. Brush-Off Blast Clean per SSPC-SP7 or chemically treat the surface.

ALUMINUM: Solvent Clean per SSPC-SP1 to remove grease and oils.

DRYWALL: Remove all dirt, dust, grime and any other forms of contamination. Make necessary repairs with appropriate patching compound.

WOOD: Sand lightly in order to remove surface roughness and loose wood fibers. Then remove all dirt, dust, grime and any other forms of contamination. Remove grease and oils by Solvent Cleaning per SSPC-SP1.

Recommended Primers

Interior Wood	17-921, 17-955, 17-956
Concrete, Stucco, Plaster, Masonry other than CM Unit	4-603, 4-808
Concrete Masonry Units, Masonry (Block Fillers)	6-15, 6-7, 6-16
Aluminum	6-204, 90-712
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Exterior Wood	6-9
Concrete Floors	Self-priming

Directions for Use

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, mix together (box) before applying. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 130°F	10 to 54°C

Application Information

Recommended Spread Rates:

Wet Mils :	3.6	minimum to	4.0	maximum
Wet Microns:	91.4	minimum to	101.6	maximum
Dry Mils :	2.0	minimum to	2.3	maximum
Dry Microns:	50.8	minimum to	58.4	maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Conventional Spray: Graco 700 Gun - 217-757 equipment. Fluid Pressure: 20 lbs. Atomizing Pressure: 35-40 lbs.

Airless Spray: Pressure 1850 psi, tip, 0.013 - 0.019"

Brush: High Quality Polyester/Nylon Brush

Roller: High Quality Roller Cover

Thinning:
DO NOT THIN.

Packaging: 1-Gallon (3.78L)

5-Gallon (18.9L)

Not all products are available in all sizes. All containers are not full-filled.

PPGAF believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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D5 10/2006