



# SUPER SPEC HP<sup>®</sup>

## URETHANE ALKYD GLOSS ENAMEL P22

### Features

- Good color and gloss retention
- Good abrasion resistance
- Provide a mildew resistant coating
- Standard line of colors
- Unlimited custom tinted colors
- Interior or exterior use
- Rust preventative coating

### Recommended For

- For commercial and residential applications
- Metal equipment, machinery, metal doors and cabinets, storage tanks, floors, metal buildings, fences, marine exposures (above water) and general maintenance painting.

### General Description

This urethane alkyd enamel provides superior exterior gloss and color retention when compared to straight alkyds and epoxy esters. For use on properly prepared interior and exterior metal surfaces, such as metal buildings, fences, Bilco<sup>®</sup> doors, machinery, piping, cabinets, storage tanks and equipment. This rust preventative coating can be applied directly to ferrous metal or used in combination with a Benjamin Moore<sup>®</sup> metal primer.

### Limitations

- **FOR METAL SUBSTRATES ONLY EXCEPT FOR P22-78**
- Not for application directly on galvanized metal
- Not for immersion service
- Not for strong acid or chemical exposure

### Product Information

#### Labor Saving Benefits

- Good color and gloss retention which lengthens the coating life
- Good abrasion resistance permits wider application and longer coating life
- Ready mixed line of colors eliminates the need to custom tint all colors
- Available in unlimited custom colors satisfying the most stringent color needs
- Versatile application by brush, roller and various spray methods

#### Colors: — Standard:

P22-08 Safety White	P22-64 Bronzetone
P22-15 Safety Yellow	P22-65 Safety Orange
P22-21 Safety Red	P22-73 Platinum Gray
P22-35 Safety Blue	P22-75 Battleship Gray
P22-60 Brown	P22-82 Safety Black
P22-78 Aluminum	

#### — Benjamin Moore<sup>®</sup> Color Preview<sup>®</sup> Tint Bases:

P22-1B Pastel	P22-2B Medium
P22-3B Deep	P22-4B Ultra

#### — Special Colors:

Contact your Benjamin Moore representative.

#### Certification:

**P22- VOC compliant in all regulated areas, except the South Coast and CARB regulated areas.**

Master Painters Institute MPI # 9, 48  
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

#### Technical Assistance:

Available through your local authorized independent Benjamin Moore<sup>®</sup> retailer. For the location of the retailer nearest you, call 1-800-826-2623, see [www.benjaminmoore.com](http://www.benjaminmoore.com), or consult your local Yellow Pages.

#### Technical Data<sup>◇</sup>

	Pastel Base
Vehicle Type	Urethane Alkyd
Pigment Type	Titanium Dioxide
Volume Solids	49%

Coverage per Gallon at Recommended Film Thickness	375 – 425 Sq. Ft.
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Recommended Film Thickness	– Wet	3.8 – 4.3 mils
	– Dry	1.8 – 2.1 mils

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77°F	– To Touch	2 Hours
(25°C) @ 50% RH	– To Recoat	8 Hours

Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and cure times.

Dries By	Oxidation
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Dry Heat Resistance	300°F
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Viscosity	75 ± 5 KU
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Flash Point	103°F
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Gloss / Sheen	Gloss (85%)
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Surface Temperature at Application	– Min.	50°F
	– Max	95°F

Thin With	Do Not Thin
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Clean Up Thinner	Mineral Spirits
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Weight Per Gallon	8.9 lbs
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Storage Temperature	– Min.	40°F
	– Max	90°F

#### Volatile Organic Compounds (VOC)

394 Grams/Liter    3.29 Lbs./Gallon

<sup>◇</sup>Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colors.

## Surface Preparation

Surfaces to be painted must be clean and free from wax, oil, grease, dust, rust, loose paint and water soluble materials. All loose rust or peeling paint should be removed and glossy surfaces should be dulled before recoating.

**Mildew:** Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (318) prior to coating the surface.

**Caution:** Refer to the (318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary.

### Ferrous Metal (Steel & Iron):

Super Spec HP® Urethane Alkyd Gloss Enamel (P22) inhibits rust by encapsulating properly prepared ferrous metal surfaces. A minimum of two coats is required on bare metal surfaces. Pairing Super Spec HP® Urethane Alkyd Gloss Enamel (P22) with a Benjamin Moore metal primer will enhance rust inhibition.

**Finish:** 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (P22)

or

**Prime:** 1 coat Super Spec HP® Alkyd Metal Primer (P06)

**Finish:** 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (P22)

### Ferrous Metal, Repaint:

**Finish:** 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (P22)

### Galvanized Metal, (New or Bare):

**Prime:** 1 coat Super Spec HP® Acrylic Metal Primer (P04)

**Finish:** 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (P22)

**Repaint, All Substrates:** Prime bare areas with the primer recommended for the substrate above.

## Application

Stir thoroughly before and occasionally during use. Apply one or two coats. For best results, use a Benjamin Moore® Professional custom-blended nylon/polyester or china bristle brush, Benjamin Moore® Professional roller, or a similar product. This product can also be sprayed.

**Spray, Airless:** Fluid Pressure — 1,500 to 3,000 PSI;

Tip — .011 – .015 Orifice

## Thinning/Clean Up

### DO NOT THIN.

Clean all equipment immediately after use with mineral spirits if compliant with local requirements..

**DANGER** – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

**USE COMPLETELY OR DISPOSE OF PROPERLY.** This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

## Environmental, Health & Safety Information

### DANGER!

COMBUSTIBLE LIQUID AND VAPOR

VAPOR HARMFUL

**Contains: Petroleum Distillates HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.**

**NOTICE:** Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling.

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

**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 get medical attention immediately; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

**IN CASE OF FIRE** – Use foam, CO<sub>2</sub>, dry chemical or water fog.

**SPILL** – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN  
FOR METAL SUBSTRATES ONLY  
Refer to Material Safety Data Sheet for  
additional health and safety information.**