



# SUPER SPEC HP®

## URETHANE ALKYD GLOSS ENAMEL CP22

### Features

- Good color and gloss retention
- Good abrasion resistance
- Versatile application by brush, roller and spray
- 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® 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® metal primer.

### Limitations

- Not for application directly on galvanized metal
- Not for immersion service
- Not for strong acid or chemical exposure
- For Metal surfaces only

### Product Information

#### Colors — Standard:

Safety White (08), Safety Black (82)

#### — Tint Bases:

Benjamin Moore® Color Preview® Bases 1B, 2B, 3B & 4B

#### — Special Colors:

Contact your Benjamin Moore representative.

#### Certifications & Qualifications:

Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	YES
CARB	YES
CARB07	YES
UTAH	YES
AZMC	YES
SCAQMD	NO

#### Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit [www.benjaminmoore.com](http://www.benjaminmoore.com)

#### Technical Data◇

#### Pastel Base

Vehicle Type	Urethane Modified Alkyd	
Pigment Type	Titanium Dioxide	
Volume Solids	62.2 ± 1.0%	
Coverage per Gallon at Recommended Film Thickness	450 – 525 Sq. Ft.	
Recommended Film Thickness	– Wet	3.1 – 3.4 mils
	– Dry	1.9 – 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.		
	– To Touch	4 Hours
Dry Time @ 77 °F (25 °C) @ 50% RH	– To Recoat	12 Hours
	– Full Cure	4 – 6 Days
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	
Dry Heat Resistance	300°F	
Viscosity	80 – 85 KU	
Flash Point	102 °F (TT-P-141, Method 4293)	
Gloss / Sheen	Gloss (80+ @ 60°)	
Surface Temperature at Application	– Min.	45 °F
	– Max	100 °F
Thin With	Do Not Thin	
Clean Up Thinner	Mineral Spirits	
Weight Per Gallon	10.5 lbs	
Storage Temperature	– Min.	40 °F
	– Max	90 °F

#### Volatile Organic Compounds (VOC)

245 Grams/Liter    2.04 Lbs./Gallon

◇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 (N318) prior to coating the surface.  
**Caution:** Refer to the (N318) 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. 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 National Lead Informational 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 (CP22) 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 (CP22) with a Benjamin Moore metal primer will enhance rust inhibition.  
**Finish:** 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (CP22)

or

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

**Finish:** 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (CP22)

### Ferrous Metal, Repaint:

**Finish:** 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (CP22)

**Non-Ferrous Metal (Galvanized & Aluminum):** All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion

**Primer:** Ultra Spec® HP Acrylic Metal Primer (HP04)

**Finish:** 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (CP22)

**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 — 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.

Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

## 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** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**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.

**IN CASE OF 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 Safety Data Sheet for additional  
health and safety information.**