



SUPER SPEC HP[®]

URETHANE ALKYD GLOSS ENAMEL KP22

Features

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

General Description

This urethane alkyd enamel provides superior exterior gloss and colour retention when compared to straight alkyds and epoxy esters. For use on properly prepared interior & 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.

Recommended For

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

Limitations

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

Product Information

Labour Saving Benefits:

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

Colours: —Standard:

KP22-08 Safety White	KP22-65 Safety Orange
KP22-15 Safety Yellow	KP22-73 Platinum Grey
KP22-21 Safety Red	KP22-78 Aluminum
KP22-35 Safety Blue	KP22-82 Safety Black

—Tint Bases:

Benjamin Moore[®] Colour Preview[®] bases 1B (Pastel), 2B (Medium), 3B (Deep), 4B (Ultra)

—Special Colours:

Contact your Benjamin Moore representative

Certification:

VOC complainant in all regulated areas

Master Painters Institute MPI# 9, 48

CFIA accepted for use in food processing facilities

CUSTOMER SERVICE INFORMATION CENTRE:

1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca

Technical Data[◇]

Technical Data [◇]		Pastel Base
Vehicle Type	Urethane Alkyd	
Pigment Type	Titanium Dioxide	
Volume Solids	49%	
Coverage per 3.79 L at	34.8 – 39.5 sq. m.	
Recommended Film Thickness	375 – 425 sq. ft.	
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 colour uniformity and minimize the disposal of excess paint.

Dry Time @ 25 °C (77 °F) @ 50% RH	– To Touch	2 Hours
	– To Recoat	8 Hours
	– Full Cure	7 – 10 Days

Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.

Dries By	Oxidation
Dry Heat Resistance	148.8 °C (300 °F)
Viscosity	75 ± 5 KU
Flash Point	39.4 °C (103 °F)
Gloss / Sheen	Gloss (85°)
Surface Temperature at Application	– Min. 10 °C (50 °F) – Max. 35 °C (95 °F)
Thin With	Do Not Thin
Clean Up Thinner	Mineral Spirits
Weight Per 3.79L	4.0 kg (8.9 lbs)
Storage Temperature	– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)

Volatile Organic Compounds (VOC)

394 g/L

[◇]Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colours.

Super Spec HP® Urethane Alkyd Gloss Enamel KP22

Surface Preparation

The surface to be painted must be clean and free from oil, grease, dirt, loose paints 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 (K318) prior to coating the surface.
Caution: Refer to the (K318) 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 logging onto Health Canada @ http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html

Primer/Finish Systems

Ferrous Metal

Super Spec HP® Urethane Alkyd Gloss Enamel (KP22) 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 (KP22) with a Benjamin Moore metal primer will enhance rust inhibition.

Finish: 2 coats : Super Spec HP® Urethane Alkyd Gloss Enamel (KP22)

OR

Primer: Super Spec HP® Alkyd Metal Primer (KP06)

Finish: 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (KP22)

Ferrous Metal (Repaint)

Finish: 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (KP22)

Galvanized Metal (New or Bare)

Primer: Super Spec HP® Acrylic Metal Primer (KP04)

Finish: 1 or 2 coats Super Spec HP® Urethane Alkyd Gloss Enamel (KP22)

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 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/Cleanup

DO NOT THIN.

Clean all equipment immediately after using, with Mineral Spirits.

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Dry empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or provincial environmental agency on disposal options.

Environmental, Health & Safety Information

DANGER OF COMBUSTION

Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, and then discard.

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

**KEEP OUT OF REACH OF CHILDREN
FOR METAL SUBSTRATES ONLY**

**Refer to Material Safety Data Sheet for
additional health and safety information.**