



SUPER SPEC HP[®]

D.T.M. ALKYD SEMI-GLOSS

P24

Features

- Dual purpose — primer and finish coat
- Rust preventative coating
- Durable semi-gloss finish
- Unlimited custom tinted colors
- Interior or exterior application
- Apply by brush, roller or various spray methods
- Provide a mildew resistant coating

General Description

This product is designed to perform a dual purpose as a direct to metal primer and finish. Both coats of the product provide rust inhibition for superior corrosion control. This product provides good color and gloss retention on both interior and exterior surfaces.

Recommended For

Metal, Fences, Equipment, metal buildings, catwalks, railings, metal doors and lockers, machinery, piping and general maintenance painting of internal / exterior surfaces

Limitations

- **FOR USE ON METAL SUBSTRATES ONLY**
- Not for application directly on galvanized metal.
- Not for floor applications.
- Uncoated ferrous metal must receive a minimum of two coats.

Product Information

<p>Labor Saving Benefits</p> <ul style="list-style-type: none"> • Very good rust inhibition for direct to metal application • Tough durable semi-gloss finish hides surface defects for a professional finish • Unlimited custom tinted colors satisfying the most stringent color needs • Versatile application by roller or various spray methods 	<p>Technical Data [◇]</p>	<p>Pastel Base</p>
<p>Colors:—Standard: P24-08 Safety White P24-82 Safety Black</p>	<p>Vehicle Type Modified Alkyd</p>	
<p>—Benjamin Moore[®] Color Preview[®] Tint Bases: P24-1B Pastel P24-2B Medium P24-3B Deep P24-4B Ultra</p>	<p>Pigment Type Corrosion Inhibitors & Titanium Dioxide</p>	
<p>—Special Colors: Contact your Benjamin Moore representative.</p>	<p>Volume Solids 49%</p>	
<p>Certification: VOC compliant in all regulated areas, except South Coast Master Painters Institute MPI # 81 Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84</p>	<p>Coverage per Gallon at Recommended Film Thickness 350 – 450 Sq. Ft.</p>	
<p>Technical Assistance: Available through your local authorized independent Benjamin Moore[®] retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.</p>	<p>Recommended Film Thickness – Wet 3.6 – 4.6 mils – Dry 1.7 – 2.3 mils</p>	
	<p>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.</p>	
	<p>Dry Time @ 77°F – To Touch 2 Hours (25°C) @ 50% RH – To Recoat 16 Hours</p>	
	<p>Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and cure times.</p>	
	<p>Dries By Solvent Evaporation & Oxidation</p>	
	<p>Dry Heat Resistance 350°F</p>	
	<p>Viscosity 88 ± 5 KU</p>	
	<p>Flash Point 103°F</p>	
	<p>Gloss / Sheen Semi-Gloss (45-55 @ 60°)</p>	
	<p>Surface Temperature at Application – Min. 50°F – Max. 90°F</p>	
	<p>Thin With Do Not Thin</p>	
	<p>Clean Up Thinner Mineral Spirits</p>	
	<p>Weight Per Gallon 10.3 lbs</p>	
	<p>Storage Temperature – Min. 40°F – Max. 90°F</p>	
	<p>Volatile Organic Compounds (VOC)</p>	
	<p>391 Grams/Liter 3.26 Lbs./Gallon</p>	

[◇]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 re-coating.

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.

Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant color change is desired. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Ferrous Metal, New:

Finish: 2 coats Super Spec HP® D.T.M. Alkyd Semi-Gloss (P24)

Ferrous Metal, Repaint:

Finish: 1 or 2 coats Super Spec HP® D.T.M. Alkyd Semi-Gloss (P24)

Galvanized Metal, New or Bare:

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

Finish, primed or previously painted galvanized:
1 or 2 coats Super Spec HP® D.T.M. Alkyd Semi-Gloss (P24)

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 china bristle or 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 use with mineral spirits.

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. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

Environmental, Health & Safety Information

Contains: Petroleum Distillates and Stoddard Solvent

HARMFUL OR FATAL IF SWALLOWED. 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. Wear eye protection and gloves. 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, headaches or dizziness, increase fresh air or wear a properly fitted vapor/particulate NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use.

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 call physician; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE – Use foam CO2, 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.**