



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

Recommended For

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

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.

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

Labor Saving Benefits

- 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

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

Master Painters Institute MPI # 81

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

Technical Data[◇]

Technical Data [◇]		Pastel Base
Vehicle Type		Modified Alkyd
Pigment Type		Corrosion Inhibitors & Titanium Dioxide
Volume Solids		49%
Coverage per Gallon at Recommended Film Thickness		350 – 450 Sq. Ft.
Recommended Film Thickness	– Wet	3.6 – 4.6 mils
	– Dry	1.7 – 2.3 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 (25 °C) @ 50% RH	– To Touch	2 Hours
	– To Recoat	16 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		Solvent Evaporation & Oxidation
Dry Heat Resistance		350 °F
Viscosity		88 ± 5 KU
Flash Point		103 °F
Gloss / Sheen		Semi-Gloss (45-55 @ 60°)
Surface Temperature at Application	– Min.	50 °F
	– Max.	100 °F
Thin With		Do Not Thin
Clean Up Thinner		Mineral Spirits
Weight Per Gallon		10.3 lbs
Storage Temperature	– Min.	40 °F
	– Max.	90 °F

Volatile Organic Compounds (VOC)

391 Grams/Liter 3.26 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 re-coating.

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. 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:

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

Ferrous Metal, Repaint:

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

Non-Ferrous Metal, 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® 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

DANGER!

COMBUSTIBLE LIQUID AND VAPOR

VAPOR HARMFUL

Contains: Petroleum Distillates and Stoddard Solvent

HARMFUL OR FATAL IF SWALLOWED. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT MAY CAUSE ALLERGIC SKIN REACTION.

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. Wash thoroughly after handling.



WARNING Cancer and Reproductive Harm—
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 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 Safety Data Sheet for additional
health and safety information.**