SUPER SPEC HP®

D.T.M. ALKYD LOW LUSTRE P23

Features

- Tough, durable film with outstanding adhesion.
- Attractive low lustre finish.
- For exterior or interior use.
- Self priming with easy application.
- Extremely durable with rust inhibitive ingredients.

General Description

A highly versatile alkyd based coating, Super Spec HP® D.T.M. Alkyd Low Lustre seals and protects both exterior and interior metal surfaces from rusting and moisture. Super Spec HP® D.T.M. Alkyd Low Lustre offers superior rust inhibition and protection along with the convenience of a primer and topcoat system in a single package.

Recommended For

For exterior or interior surfaces such as steel, aluminum, wrought iron railings, and metal roof decks.

Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C).
- **FOR USE ON METAL SUBSTRATES ONLY**
- Not for application directly on galvanized metal.

Product Information

Colors — Standard:

White, Black, and Bronzetone

— 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 # 79

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◊		Pastel Base
Vehicle Type		Soya Alkyd
Pigment Type		Titanium Dioxide
Volume Solids		52.6%
Coverage per Gallon at Recommended Film Thickness		350 – 450 Sq. Ft.
Recommended Film Thickness	– Wet	4.0 mils
	– Dry	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 (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		Evaporation, Oxidation
Dry Heat Resistance		350 °F
Viscosity		83 ± 3 KU
Flash Point		Combustible
Gloss / Sheen		Low Lustre (25-35 @ 60°)
Surface Temperature at Application	– Min.	50 °F
	– Max	100 °F
Thin With		Do Not Thin
Clean Up Thinner		Mineral Spirits
Weight Per Gallon		11.5 lbs
Storage Temperature	– Min.	40 °F
	– Max	90 °F

Volatile Organic Compounds (VOC)

370 Grams / Liter 3.09 LBS / Gallon

◊ Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colors.

Surface Preparation

Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, loose paint, chalk, and other foreign matter than could interfere with adhesion. Glossy surfaces should be dulled by abrading the surface.

Metal: Remove loose rust and scale with a scraper, wire brush, or sandpaper. Clean bare metal with mineral spirits.

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..

Difficult Substrates: Benjamin Moore offers a number of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, galvanized metal, or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore retailer can recommend the right problem solving primer for your special needs.

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

Note: Super Spec HP® D.T.M. Alkyd Low Lustre is self priming. No other primer product is usually necessary. All alkyd-based enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas. In these problem areas, the use an acrylic finish such as Ultra Spec® HP D.T.M. Acrylic Low Lustre (HP25) is recommended.

Ferrous Metal:
Finish: 1 or 2 coats Super Spec HP® D.T.M. Alkyd Low Lustre (P23)
A minimum of two coats are required on bare metal surfaces.

Galvanized & Aluminum Metal: 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 Low Lustre (P23)

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

Application

Mixing of Paint: Stir thoroughly before and occasionally during use. **Do not thin.**

For best application results, apply generously going from unpainted into painted areas. A one coat application protects and a preserve, two coats provides greater durability.

Apply with a china bristle or all purpose synthetic brush, short nap roller, or spray.

Spray, Airless: Fluid Pressure — 1,500 to 2,500 PSI;
Tip — .011 - .015 Orifice

Thinning/Cleanup

Do Not Thin:

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. 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. 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

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 swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE – Use foam, CO_2, 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.

Benjamin Moore & Co., 101 Paragon Drive, Montvale, NJ 07645 Tel: (201) 573-9600 Fax: (201) 573-9046 www.benjaminmoore.com M72 P23 US 011519