



SUPER SPEC[®]

ALKYD ENAMEL UNDERCOATER & PRIMER SEALER C245

Features

- Combines the sealing and enamel holdout features of an alkyd primer sealer and an enamel underbody.
- Excellent adhesion properties, even to glossy surfaces
- Seals a variety of porous and non-uniform surfaces while creating a vapor barrier film.
- Performs equally well underneath either Benjamin Moore's latex or solvent based paints.

General Description

A high performance, interior alkyd based primer.

Recommended For

- For commercial and residential applications
- For new or previously painted trim, doors, walls, and ceilings. Ideal for wood, cured plaster, masonry, painted wallboard and rust free, ferrous metal.

Limitations

- Not recommended for direct use over unpainted wallboard surfaces; may be used on metal surfaces only where not subject to a rusting environment.
- Do not apply when air and surface temperatures are below 50 °F (10 °C).

Product Information

Colors — Standard:

White (00)

(May be tinted with up to 2.0 fl. oz. of Benjamin Moore[®] Color Preview[®] colorants per gallon.)

— Tint Bases:

NA

— 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 # 45, 46

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[◇]

White

Vehicle Type	Alkyd
Pigment Type	Titanium Dioxide
Volume Solids	54.6%

Coverage per Gallon at Recommended Film Thickness	500 – 600 Sq. Ft.
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Recommended Film Thickness	– Wet	3.7 mils
	– Dry	1.5 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	4 Hours
	– To Recoat	16 Hours

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By	Evaporation, Oxidation
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Viscosity	95 ± 5 KU
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Flash Point	Combustible
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Gloss / Sheen	Flat
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Surface Temperature at Application	– Min.	50 °F
	– Max.	90 °F

Thin With	Do Not Thin
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Clean Up Thinner	Mineral Spirits
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Weight Per Gallon	12.35 lbs
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Storage Temperature	– Min.	40 °F
	– Max.	90 °F

Volatile Organic Compounds (VOC)

346 Grams/Liter 2.89 lbs./Gallon

[◇] Reported values are for White. Contact Benjamin Moore for values of other bases or colors

Super Spec® Alkyd Enamel Undercoater & Primer Sealer C245

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust.

New plaster or masonry surfaces must be allowed to cure 30 days before applying base coat. Cured plaster should be hard, have a slight sheen and maximum PH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound.

Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry.

Difficult Substrates: Benjamin Moore offers a variety 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

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.

Wood and engineered wood products:

Primer: 1 coat Super Spec® Interior Alkyd Enamel Undercoater & Primer Sealer (C245)

Finish: 1 or 2 coats of the appropriate Benjamin Moore interior oil or latex finish paint

Drywall:

Primer: 1 coat Super Spec® Interior Alkyd Enamel Undercoater & Primer Sealer (C245)

Finish: 1 or 2 coats of the appropriate Benjamin Moore interior oil or latex finish paint

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

Application

Stir thoroughly before and during use. Apply by brush, roller, or spray. Apply generously using overlapping strokes, brushing or rolling from unpainted into painted areas.

Apply before and after filling nail holes, cracks, and other surface imperfections. Sand smooth when dry.

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

Thinning/Cleanup

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

Contains: Petroleum Distillates

HARMFUL OR FATAL IF SWALLOWED. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT

Cancer Hazard: Contains Crystalline Silica which can cause cancer when in the respirable form (spray mist or sanding dust).

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. Close container after each use.



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 CO₂, dry chemical or water fog.
SPILL – Absorb with inert material and dispose of as specified under "Cleanup".

KEEP OUT OF REACH OF CHILDREN

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