



SUNBAR[®] CLEAR SPAR VARNISH K441

Features

- Contains a ultra-violet screening agent which enables it to exceed the service of conventional spar varnish.
- Excellent gloss retention
- Will not scratch white or turn white under water, and flows out to a sparkling gloss finish, free of brush marks.
- Exterior use only

General Description

A premium quality, phenolic-modified Tung-linseed-castor oil finish reinforced with a ultra-violet screening agent.

Recommended For

Residential or commercial applications where a premium quality weather resistant clean finish is desired. For exterior use on new or previously varnished wood surfaces of all types which are exposed to severe weathering; boat decks, exterior trim, lawn furniture, doors, and siding. May also be used on exterior metal surfaces where a clear finish is required, as on copper lamps, gutters and flashing, brass hardware, etc. May be used on interior surfaces where a high gloss finish is desired.

Limitations

- Do not apply when air and surface temperatures are below 4.4 °C (40 °F).
- Avoid application over shellac.
- Three coats are recommended for maximum durability.
- Product film has a distinct amber tone.

Product Information

Colours — Standard:

Clear

— Tint Bases:

Not available.

— Special Colours:

Contact your Benjamin Moore representative.

Certification:

VOC complaiant in all regulated areas.

Customer Service Information Centre:

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

Technical Data[◇]

Clear

Vehicle Type	Modified Tung-Linseed Castor Oil	
Pigment Type	None	
Volume Solids	48%	
Coverage per 3.79 L at	46.5 – 55.7 sq. m.	
Recommended Film Thickness	(500 – 600 sq. ft.)	
Recommended Film Thickness	– Wet	2.9 mils
	– Dry	1.4 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	†Overnight
High humidity and cool temperatures will result in longer dry, recoat and service times. † Chairs, Boats, Decks, Spars and similar surfaces can be put into service after twenty-four hours		
Dries By	Evaporation, Oxidation	
Viscosity	50 ± 5 KU	
Flash Point	Combustible	
Gloss / Sheen	High Gloss	
Surface Temperature at Application	– Min.	10 °C (50 °F)
	– Max	32.2 °C (90 °F)
Thin With	Do Not Thin	
Clean Up Thinner	Mineral Spirits	
Weight Per 3.79 L	3.41 kg (7.5 lbs)	
Storage Temperature	– Min.	4.4 °C (40 °F)
	– Max	32.2 °C (90 °F)
Volatile Organic Compounds (VOC)		
415 g/L		

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

Surface Preparation

Wood, New (Stained): All surfaces must be dry and sanded smooth, and free of dirt, dust, or grit. All nail holes, cracks, and blemishes should be repaired after staining, and filler tinted to match colour of the stain. Open grained wood such as oak or walnut should be filled with wood grain filler following manufacturer's directions. Apply Benjamin Moore® Interior Wood Finishes Penetrating Stain (F241) as needed.

Finish: 2 - 3 coats Sunbar® Clear Spar Varnish (K441).

Wood, Re-stain: Surfaces that have been treated with wax or oily surface restoration liquids must be thoroughly cleaned with appropriate solvents. Periodically change to clean wiping cloths to avoid redistribution of residue. Special attention should be given to removal of black heel marks on floors. Flaking or scaling coatings must be removed by scraping and sanding with fine grit sandpaper. To assure adhesion, glossy surfaces must be dulled with fine grade steel wool or sandpaper. Surfaces requiring complete restoration must have the finish removed by either power sanding or use of paint and varnish remover, then treated as new surface. Apply Benjamin Moore® Interior Wood Finishes Penetrating Stain (F241) as needed.

Finish: 2 - 3 coats Sunbar® Clear Spar Varnish (K441).

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 logging onto Health Canada @ http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html

Application

Stir thoroughly and apply as received in the container with a good quality china bristle or synthetic brush, a short nap roller, or an application pad. Allow an overnight dry; then sand lightly, rubbing with the grain, before recoating. For maximum wear, three coats are advisable. Allow final coat to harden for 24 hours before subjecting to normal foot traffic.

Spray, Airless: Fluid Pressure — 1,500 – 2, 500 PSI;

Tip — .011 Orifice

Thinning/Cleanup

Do Not Thin

USE COMPLETELY OR DISPOSE OF PROPERLY. 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, 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

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