



ENVIRO SHIELD™ SHELLAC 9000 STAIN & ODOR BLOCKER

DESCRIPTION AND USES

EnviroSHIELD™ Shellac 9000 is the ultimate odor and stain blocker and the choice of professionals for fire and water damage restoration. It permanently blocks severe stains and is an excellent odor barrier. Shellac 9000 will completely seal stains and odors from fire and water damage, smoke, mildew, pet urine, trauma scenes, graffiti, fire and furnace puff-backs, etc. This coating can be used on multiple interior and spot-exterior surfaces and is compatible with any architectural paint.

Apply to drywall, plaster, wood (pine, fir, cedar, redwood, and plywood), metal (aluminum, stainless steel, and galvanized metal), vinyl, PVC, fiberglass and masonry (stucco, concrete block, concrete, brick).

PERFORMANCE CHARACTERISTICS

- Blocks and seals severe odor and stains
- Low temperature application
- Ultimate adhesion to all surfaces

PRODUCTS

SKU	DESCRIPTION
334375	1 Gallon
334376	5 Gallon Pail

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces should be clean, dry, sound and free of dust, dirt, excessive chalky material, grime, grease, oil, wax, mildew, wallpaper adhesive, or any contamination that may interfere with adhesion. If unsure, wash surface with a low suds cleaning solution like ammonia, or a TSP substitute. Rinse thoroughly and allow to dry. Remove any peeling and/or unsound coatings. Sand any remaining paint film edges smooth with the surface.

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. Clean up carefully 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.

PRODUCT APPLICATION (cont.)

APPLICATION

Apply only when air, material, and surface temperatures are between 0 and 90°F (-18 and 32°C) and the relative humidity is below 70%. Do not apply if surface temperature is within 15°F of the dew point. Substrate moisture should not exceed 12%. DO NOT THIN. Thoroughly mix to ensure any settled pigment is redispersed before using. Coating can be tinted to off-white and pastel shades by adding a maximum of 2 ounces of universal colorant per gallon.

Apply with a natural or synthetic (nylon, polyester or blend) bristle brush, roller, or airless sprayer. Follow manufacturer's instructions when using spray equipment. For airless spraying use a 0.011"-0.013" tip at 800 to 1200 psi. If a conventional sprayer is used, spray at 45-55 psi. Wear NIOSH approved respirator and provide adequate ventilation.

DRY TIME

Dries to the touch in 20 minutes, can be topcoated in 45 minutes. The primer film develops full adhesion and hardness after it cures in 1 to 3 days. Lower temperatures, higher humidity, and the addition of tint will prolong dry and cure time. Allow more time at cooler temperatures.

LIMITATIONS

Shellac 9000 is not recommended for whole surface exterior application, for excessively humid interior areas or for application to surfaces subject to immersion or prolonged contact with water.

CLEAN UP

Clean up spills and paint drips with denatured alcohol or ammoniated detergent. If spills or drips have dried, use denatured alcohol or ammoniated detergent to soften and remove. Wash application tools in a solution of 1 part ammonia and 3 parts water immediately after use. If product has dried on application tools, soak tools overnight in a solution of equal parts ammonia and water. Scrub clean with a stiff brush. Follow equipment manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with all current federal, state and local regulations.

STORAGE

Store locked up in a well-ventilated place. Keep container tightly closed.

	TECHNICAL DATA ENV-11
	ENVIRO SHIELD™ SHELLAC 9000 STAIN & ODOR BLOCKER

PHYSICAL PROPERTIES

		SHELLAC 9000 STAIN & ODOR BLOCKER	
Resin Type		Shellac	
Solvents		Denatured Alcohol and Water	
Weight	Per Gallon	9.8 lbs	
	Per Liter	1.17 kg	
Solids	By Weight	51.2%	
	By Volume	29.5%	
Volatile Organic Compounds		< 550 g/l	
Recommended Dry Film Thickness (DFT) Per Coat		0.75-0.9 mils	
Wet Film to Achieve DFT (Unthinned material)		2.5-3 mils	
Practical Coverage at Recommended DFT (assume 15% material loss)		Approximately 500 sq. ft./gal. (12.3 m ² /l) Depending on application method and surface porosity	
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	20 minutes	
	Handle	45 minutes	
	Recoat	45 minutes	
	Full Cure	1-3 days	
Shelf Life		3 Years	
Flash Point		54°F (12°C)	
Flame Spread (ASTM-84-97A)		0, Class 1	
Smoke Contrib. (ASTM-84-97A)		5, Class 1	
Safety Information		For Additional Information, See SDS	

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.