




# 680 Gram Vinyl Sanding Sealer LS-143

 LS143	A vinyl modified lacquer sealer with exceptional adhesion to wooden substrates, yet has easy working sanding properties. This product has excellent flexibility, moisture resistance and provides very good inter coat adhesion with the NITRO™ Pre-catalyzed Lacquer series.
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<b>Substrates and Recommended Uses:</b>	NITRO™ Vinyl Sealer is an excellent sealer for kitchen cabinets, commercial mill-work or where moisture resistance and superior adhesion is needed. Sand with "Fre-Cut" "No-Fill" type sand paper for easier sand and to minimize gumming of paper. Not to be used under acid cure or post catalyzed finishes.
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<b>Surface Preparation:</b>	<p><b>NEW WOOD:</b> Remove all dirt and wood dust. Sand and remove all sanding dust. Before finishing, be certain the wood is dry. Stain and seal wood in accordance with application directions specified by each product.</p> <p><b>OLD WOOD:</b> Many old wood finishes have contaminants that may affect top coating with lacquer. Be certain to remove old finish completely and be certain the surface is free of all contamination. If a fish eye effect occurs, a small amount of fish eye remover may be added to the lacquer.</p>
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<b>Application Specifications:</b>	<p>For best results, apply a wet coat of 2-3 mills. This product is ready to spray and reduction is not necessary. Thinner may be used if required by specific application equipment and in compliance of VOC regulations. Retarder may be used (3-4 oz. per gallon) to extend the open time during periods of high humidity and/or high temperatures. Sand with "Fre-Cut" or "No -Fill" type sand paper for easier sand and minimize gumming of paper.</p> <p><b>AIRLESS EQUIPMENT</b>— Atomization pressure 1000-1500 psi, .005 fine finish tip, .011 regular tip. Temperature 77°F.</p> <p><b>CONVENTIONAL EQUIPMENT</b> — Fluid pressure 10-15 psi, atomization pressure 30-40 psi. Temperature 77°F.</p> <p>Air dry or may be force dried at up to 140°F.</p>
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Product Type	Sheen Type	Spread Rate	Recommended Application Equipment	Thinner	Clean Up	Dry Time		
						Dust Free	Light Sand	Recoat
Nitrocellulose	N/A	Up to 267 Sq. Ft./ Gal. @1.0 Dry Mills	Airless Air Assist Conventional HVLP Spray	LT3030	LT3030	5-10 Minutes	25-30 Minutes	25-30 Minutes

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Type of Resin:	Nitrocellulose
Solids:	Weight - 23% +/- 2.0% Volume - 17% +/- 2.0%
Weight Per Gallon:	7.6 lbs
Viscosity:	18-23 seconds #2 Zahn
Sheen Degree @ 60° Angle:	N/A
Recommended film Thickness:	Wet - 3 to 5 mils Dry - 0.2 to 0.3 mils
HAPs:	1.5 lbs. HAPs / lb. Solids
VOC / VOS Statement:	This product contains a maximum of 4.4 lbs/gal or 525 gr/lt.
Retarder:	1-2 oz/gal. May be required in adverse (Humid or Hot) weather conditions.
Finishing System:	Stain - Lacquer stain or Lacquer Pigmented Sealer recommended. Sanding Sealer- One coat recommended. LS143 WW Vinyl Sanding Sealer Topcoat - Maximum two coats LC209N. NOTE: Not to be used under acid cure or post catalyzed products. Do not exceed 4 mils dry on the ENTIRE finishing system.

### Cautions:

**DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. HARMFUL, IF INHALED. HARMFUL OR FATAL IF SWALLOWED. CONTAINS TOLUOL & XYLOL.**

**KEEP AWAY FROM HEAT, SPARKS, AND FLAME. DO NOT SMOKE.** Extinguish all pilot lights and turn off all sources of ignition, including heaters, fans, and other non-explosion-proof electrical equipment, during use and until all vapors are gone. Vapors may ignite explosively. Vapors may spread long distances and beyond closed doors. Prevent buildup of vapors by maintaining continuous flow of fresh air.

**USE ONLY WITH ADEQUATE VENTILATION.** Do not breathe vapors, spray mist, or sanding dust. If indoor, open windows, and doors to ensure continuous flow of fresh air during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Follow respirator manufacturer's directions for respirator use. Do not get in eyes, on skin, or on clothing. Use solvent resistant safety eye wear with splash guards. Solvent impervious gloves, clothing and boots are recommended to prevent skin contact.

**FIRST AID:** If you experience difficulty in breathing, you should leave the area to seek fresh air. If continued difficulty is experienced, summon medical assistance immediately. If breathing ceases, restore using approved CPR techniques and summon medical assistance immediately. In case of eye contact, flush with large amounts of water for at least 15 minutes. Get medical assistance. In case of skin contact, wash area thoroughly with soap and water. Remove soiled clothing. Get medical assistance if irritation persists. Wash clothing before reuse. If swallowed, get medical assistance immediately.

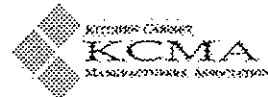
Keep container closed when not in use. Do not store above 120 degrees F. Do not transfer contents to bottles or other unlabeled containers. In case of spillage, absorb with inert material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. In case of fire, use CO2, Dry Chemical, foam, or other approved method for treating a Class B fire. Do not use water. Summon professional firefighters.

**WARNING!** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**FOR PROFESSIONAL USE ONLY**  
THIS MATERIAL IS INTENDED FOR USE ONLY BY PROFESSIONALLY TRAINED PERSONNEL USING PROPER EQUIPMENT UNDER CONTROLLED CONDITIONS AND NOT INTENDED FOR SALE TO THE GENERAL PUBLIC.

This certifies that all properties listed above are accurately stated as derived from the actual formula of the product. Trinity Coatings Company, Inc. 05/04/05

NOTE: The information, ratings, and opinions stated above pertain to material currently offered and represent the results of laboratory evaluation. Since the customer's application and other requirements are not known, or are not under our control Trinity Coatings Company, Inc. cannot make any warranties or guarantees as to results.



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