



TECHNICAL DATA SHEET

CLEAR FLAT LACQUER

FL-300

MALEIC ALKYD NITROCELLULOSE READY TO SPRAY

PRODUCT

DESCRIPTION: A professional grade, high-speed, production maleic alkyd nitrocellulose lacquer that dries extremely fast.

BASIC USES:

As a protective coating for furniture, flat top coat for all types of wood and painted metal on interior surfaces such as furniture, recreation vehicles; excellent for hardwoods, especially dark colored ones.

PRODUCT

ADVANTAGES:

- * 100% clear
- * High solids content
- * Non-yellowing
- * Long-lasting
- * Super fast drying
- * Chemical resistant
- * One coat application

TECHNICAL DATA

Percent Solids:	26.00 ± 1% by weight 22.00 ± 1% by volume	Finish:	Flat (3°-5°)* *Geometry 60°
Weight / Gallon:	7.78 ± .05 lbs.	Viscosity:	50 - 60 cps
Percent Pigment by Weight:	13.00 ± 1%	Sizes:	55 gallons 5 gallons 1 gallon
Flash Point:	18°F TCC		
Drying Time:	To touch: 30 minutes To topcoat: 6 hours	Theoretical Coverage:	450 to 500 sq. ft./gal.
Thinning:	Not normally recommended, but if necessary thin with LANCO® Lacquer Thinner LT-102.		

Surface Preparation: All surfaces must be dry, clean and free of contaminants such as dirt, grease, dust, wax, oil and old finishes.

Directions: For best results, follow this procedure:

- (1) Prepare surface as recommended.
- (2) Apply one coat of *LANCO® Sanding Sealer SS-151* as recommended. Let dry, sand smooth and dust clean before applying *LANCO® Clear Flat Lacquer FL-300*.
- (3) Application by hand spray or automatic spray is recommended for speed, especially where large areas must be covered.
- (4) Apply one coat of *LANCO® Clear Flat Lacquer FL-300* using an equipment with a pressure of 35 to 40 lbs. If necessary, thin adequately with *LANCO® Lacquer Thinner LT-102*. Low pressure or cold conditions may require additional thinning.

Previously Painted Surfaces: This coating is for application to unfinished wood surfaces or to surfaces previously finished with this same finish and in good condition. If the previous finish is not in good condition it must be completely removed with *LANCO® Safe Strip™ PR-113*. Finish surface as required. If surface is in good condition, sand to remove gloss and touch-up bare areas with this same product. If doubt exists concerning compatibility of this coating with the previous system, apply coating to a small area (25 square feet minimum) and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting or any other sign of incompatibility. If there are no signs, coating work can proceed.

Method of Application: CONVENTIONAL SPRAY: For suction feed, use a DeVilbiss MBC gun with an 'E' tip and needle and 30 air cap or equivalent at 35-40 psi atomizing pressure.

For pressure feed, use a DeVilbiss MBC gun with an "E" tip and needle and 704 air cap or equivalent at 35-40 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double-regulated pressure tank with oil and moisture separator.

AIRLESS SPRAY: Minimum of 28:1 ratio pump .011"-.013" orifice tip, 1/4" ID Teflon material hose.

Limitations: Apply in good weather when air and surface temperature are above 70°F and surface temperature is at least 5°F (-15°C) above the dew point. For optimum application properties, material should be between 70°F and 100°F (21°C and 38°C) prior to mixing and application.

Cleanup: Clean all equipment immediately after use with *LANCO® Lacquer Thinner LT-100*.

Caution: Use only with adequate ventilation. Keep out of reach of children. Keep away from heat, sparks and open flame. Do not swallow. If swallowed, do not induce vomiting. Call a physician immediately. Avoid prolonged contact with skin and breathing of vapors or spray mist. Close container after each use. Do not transfer contents to unlabeled bottles or other containers.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

M.S.D.S.: Available upon request.