



Oxford® Ultima Water-Based Spray Lacquer

Available in Gloss (1000), Semi-Gloss (1200), Satin (1500), Flat (1700)

Description

Target Coatings **Oxford Ultima Spray Lacquer (USL)** is a non-yellowing, ultra clear acrylic, water-based lacquer utilizing HAPS-Free solvents and advanced polymer resins. Formulated for fine furniture, custom woodworking and marine interior applications, USL provides a fast drying lacquer system with exceptional clarity and appearance.

Oxford Ultima Spray Lacquer demonstrates exceptional print and block resistance, as well as excellent water, chemical and food stain resistance exceeding that of traditional nitrocellulose lacquers and CAB Acrylic systems. USL is non-flammable, low in odor and cleans-up with water.

Directions for Use

All surfaces to be finished must be clean and free of oil, dust and contamination that may cause fisheyes or poor adhesion. Clean surface with denatured alcohol or fresh water. Allow surface to thoroughly dry before proceeding. Fine sand surface to be finished with the appropriate grade sandpaper based on type of repair or final finish required.

If the surface to be finished has a grain-filling type glaze, sealer or paste; ensure that the systems are compatible with one another by preparing a test panel before proceeding. Certain solvent-based fillers may prevent proper adhesion of the topcoat if not thoroughly cured. Ensure that grain fillers have been sanded with a minimum of 400-grit sandpaper and all contamination is removed.

Spray apply each coat of *Oxford Ultima Spray Lacquer* with HVLP, Conventional or Airless/Air-assist spray equipment. Consult with your spray gun manufacturer for proper gun set-ups based on coating viscosity and intended use.

Spray gun operators must wear a NIOSHA approved respirator during the spray application of this material. Consult the Material Safety data Sheet of this material for safety and health procedures.

Unfinished/New Wood:

1. After surfaces has been prepared remove all dust with a wax/oil-free tack cloth.
2. Mix Oxford Lacquer well before using.
3. Oxford Lacquer can be sprayed without reducing with water or Target SA5 Spray Retarder. However, additions of SA5 Retarder is recommended to slow-down the system if lacquer is drying too quickly during turbine driven HVLP spray applications.
4. Reduce Oxford Lacquer upwards of 20% with water if lacquer is to be used as a sealer or tie-coat between stain or dye coats to prevent color bleed. Or, seal with Oxford® UltraSeal-WB Shellac Sealer and/or Oxford® EM8800 Universal High-Build Sealer.
5. Apply upwards of 2 to 8 coats of Oxford Lacquer to obtain required film-build and final look. Allow each coat to dry for a minimum of 30 minutes before recoating. Sanding between each coat is not necessary unless contamination has effected the film formation, or if the last coat has dried for more then 24 hours. Sand with 600-grit sandpaper to



remove surface imperfections, runs, sags and contamination. Remove sanding dust as specified and apply final coat as required.

Oxford Ultima Spray Lacquer can be polished to a variety of sheen's with the use of the *Menzerna Polishing System* described in the Buffing Compound Section of this web site.

Dry Time

Allow each coat to thoroughly dry before applying additional coats of lacquer. For best results apply during low humidity conditions. If whitening or blushing occurs in the semi-cured coats, allow lacquer to return to a clear state before applying additional coats. Best temperatures are 60°-80°F. Complete chemical cure time is after 72 hours within these temperature ranges.

Clean-Up

All Oxford Series finishes cleanup with fresh, warm water. Rinse spray gun fluid handling equipment thoroughly with water after each use. If finish dries to hard film soak gun parts in a reduced water-based paint stripping solution.

Emergency First-Aid Procedures

Ingestion: Administer large amounts of water and induce vomiting.
Seek immediate medical attention.

Eyes: Flush with fresh water. Seek medical attention if irritation persists.

Skin: Wash exposed area with warm, soapy water. Seek medical attention
If irritation occurs.

Physical Specification:

Solids, % by weight;	30%
Weight Per gallon:	8.66 lbs.
pH:	8.0-8.5
Regulatory VOC Content:	177.0 Grams/Litre
Actual VOC Content:	62.0 Grams/Litre
HAPS Content:	0.0
Viscosity:	30-40 sec., Zahns #2

Sheen Degree of Gloss:	1000 Clear Gloss = 85-90°
	1200 Clear Semi-Gloss = 65-70°
	1500 Clear Satin = 55-60°
	1700 Clear Flat = 10-15°

Page 2 of 2

Oxford® Ultima Spray Lacquer

Copyright © 2006