

# Low HAP Sealer

## CLEAR LACQUER SANDING SEALER

Product Code: **651630**

Low HAP Clear Lacquer Sanding Sealer is single-component, high build sanding sealer suitable for use with pre-catalyzed and non-catalyzed topcoats.

### Ideal for

- Doors & Millwork
- Cabinetry & Casegoods
- Interior wood work
  
- Federal AIM compliant at 680 g/l VOC
- NESHAP compliant—JJ (furniture)

### Benefits

- Very fast dry
- Easy to sand
- High Solids
- High Build
- Excellent sag resistance

## APPLICATION DATA

**SURFACE PREPARATION:** “White sand” wood with maximum 150 grit aluminum oxide sandpaper. Remove all sanding dust. Keep free of dirt, grease, silicone oils, lubricants and other contaminants.

**APPLICATION EQUIPMENT:** This product may be applied with conventional air-spray, airless, air-assisted airless, or HVLP spray equipment. For optimum results with air-assisted airless, use .513-.515 tip size and keep atomizing air pressure low (i.e. 10 psi) to minimize acetone flash-off.

**THINNING:** No thinning required for Airless and Air-Assisted Airless. Use acetone for thinning to recommended viscosity (#2 Zahn cup):

H.V.L.P.— 25-30 seconds

Conventional air spray— 20-25 seconds

*Caution: Thinning with solvents will reduce film build and increase VOCs (unless using Acetone). Note: Thinning requirements may vary with changes in temperature and spray room conditions.*

**AGITATION:** This product must be kept under slow, constant agitation, to ensure proper mixing of sanding agents.

**CLEAN UP:** Use lacquer thinner.

## FINISHING SYSTEM

**STAIN:** When staining wood, use Rudd ColorTools™ Dye Stain, ColorTools™ SprayOnly Stain, or Colortools™ Wiping Stain.

**SEAL:** Apply one coat (3–4 mils wet) of Low HAP Lacquer Sanding Sealer. Allow 10 minutes\* dry time and sand with 220/320 grit Silicon Carbide sandpaper before finishing.

**FINISH:** Apply two coats (4–5 mils wet) of any Rudd interior clear lacquer. Allow 20 minutes\* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

\*Dry times will vary with film thickness, temperature, humidity and air movement.

## SAFETY PRECAUTIONS

Avoid breathing vapors, use a NIOSH approved cartridge respirator. Use pre-filters to avoid breathing spray particles or sanding dust.

**Flammable Liquid:** Keep away from heat, sparks and flame. Ensure adequate ventilation during use.

Read Material Safety Data Sheet and label before using.

## SPECIFICATIONS

Coverage	274 square feet per gallon @ 1 mil dry film thickness
Viscosity	30-35 seconds (#2 Zahn Cup @ 70° F)
Sag Resistance	7 mils vertical @ 65–70° F
Solids	24.5% by weight 1.83 lbs per gallon
VOCS (Volatile Organic Compounds)	Calculated: 5.41 lb / gal  < 649 g/l
HAPs (Hazardous Air Pollutants)	Pounds HAPs per Pound Solid: 0.048
Dry to Sand	10 minutes @ 65–70° F
CAUTION: Thinning will reduce film build and increase VOCs.	

## APPLICATION PRECAUTIONS

- Apply ONLY one coat of Low HAP Lacquer Sanding Sealer. If additional film build is desired, build film thickness with multiple finish coats.
- This product is not recommended for exterior use.
- Finish, substrate and curing temperatures should remain above 60° F, extremes of temperature and humidity may affect product performance.
- Total film build of system must not exceed 5.0 dry mils.
- This product has been tested on a limited number of substrates and over a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.
- Designed for professional use by spray application only.

### Shipping & Storage Information

**Flash Point:** -4° F Pinsky-Martin

**OSHA Flammability Class:** Flammable Liquid—Class IB

**DOT Class:** Paint, 3, UN 1263, PG II



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