

NuWave™

CLEAR WATER BASE SANDING SEALER

Product Code: **280115**

NuWave™ Clear Water Base Sanding Sealer is a single component, high solids, sealer ideal for interior wood surfaces. Rudd NuWave products are the perfect solution for on-site applications.

Ideal For

Doors and Millwork
Fixtures & Displays
Furniture
Cabinets & Casegoods

AIM compliant 275 g/l VOC
NESHAP compliant—JJ (furniture)
NESHAP compliant—QQQQ (doors & windows)

Benefits

Non-yellowing
Very low odor
Exceptional adhesion
High Solids
Fast dry
Easy to sand
Easy to use
Ultra low/No HAP

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: NuWave is designed for spray application through all types of spray equipment. Use corrosion resistant equipment with water base products. Recommended settings below are with trigger pulled:

Airless	No thinning required. 1000 to 1200 psi—409 tip. Note: Double orifice fine finish tips are NOT recommended.
Air Assist	No thinning required. 500 to 700 psi fluid pressure, 10 to 12 psi air cap 409 spray tip.
HVLP	No thinning required. 28 psi air cap 1.4 fluid nozzle

THINNING: This product is designed to spray at package viscosity. Thinning is not recommended. However, if thinning is desired, thin sparingly with water. Thinning will reduce film build and may increase grain raise.

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. **Do not shake.**

CLEAN UP: Use soap and water for wet product. For dried finish clean up, use lacquer thinner compliant with local air quality rules & regulations.

FINISHING SYSTEM

STAIN: When staining wood, use Rudd Colortools™ Water Base Spray Only Stain or Colortools™ Water Base Wiping Stain.

SEAL: Apply one coat (2-4 mils wet) of 280115 NuWave Clear Lacquer Sanding Sealer. Allow to dry 25 minutes*. Sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply two coats (3-5 mils wet) of 280103 NuWave Clear Pre-Catalyzed Lacquer. Allow 45-50 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.

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS	
Coverage	500 square feet per gallon @ 1 dry mil film thickness
Viscosity	26 Seconds (#2 Zahn Cup @ 75° F)
Sag Resistance	4 mils vertical @ 65-70° F
Solids	34.4% by weight 2.96 lbs per gallon
VOCs (Volatile Organic Compounds)	Calculated: 227 g/l (1.9 lb/gal)
HAPs (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.0317 Pounds HAP per Pound Solids: < 0.8 (actual 0.0107) Pounds HAP per Volume Solids: < 0.48 (actual 0.1013)
Dry to Sand	25 minutes @ 65-70° F
CAUTION: Thinning will reduce film build.	

APPLICATION PRECAUTIONS

Dry times may vary due to environmental controls, humidity and application methods.

Keep container closed when not in use. Store in the original container.

Do not store above 100°F (38.8° C). Keep form freezing. For best results, use within 12 months of manufacture date.

Recommended for use with Colortools™ Water Base stains. If using over solvent base Colortools stains, allow stains to dry overnight prior to applying NuWave Clear Sealer or Lacquer.

This coating will have a milky appearance in the can but will dry to a clear finish.

Excessive wet film thickness will result in a “blue” coloration of film. Coloration will disappear once the coating has dried completely.

Not recommended for use on MDF or as an exterior finish.

The use of stainless steel application equipment is recommended.

Finish, substrate and curing temperatures should remain above 60°F, extremes of temperature and humidity may affect product performance.

Total film build of finishing 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.

Shipping & Storage Information

OSHA Flammability Class: Not applicable

DOT Class: Not regulated



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