UV-1069 10 Sheen WB UV TC

Clear Waterborne Radiation Curable Acrylic coating is a single component, urethane modified, high solids waterborne coatings system containing low levels of solvent allowing for reduction in VOCs and HAPs. Utilizing the latest waterborne technology, this system can be used as a high performance coating in areas where extreme water and chemical resistance are necessary. Apply two or three coats, self-sealing, or if a sealer is desired, use two coats of Clear Waterborne Sealer and one topcoat. This product meets all of the pertinent government regulations regarding emissions and meets or exceeds the performance parameters outlined by KCMA and ASTM

Product Advantages:

- Low Odor
- Sealer Provides Excellent Sandability
- Quick Dry after UV cured
- Quick Stack Time. Product is dry to touch before UV if properly dried in the oven
- Pencil Hardness: 2H-3H after U.V. cure
- Excellent Clarity
- Excellent Film Building Properties
- Excellent Flow and Leveling
- Minimum Grain Raise
- Resists Yellowing*
- Durable Moisture and Chemical Resistant Film
- Meets KCMA and ASTM Performance Requirements, When Applied to Manufacturer's Specifications

* The coating will not protect the wood, lightly stained wood substrates or pigmented basecoats from yellowing

Viscosity: 18-23" #3 Zahn @ 77°

Weight Solids: 37%

Volume Solids: 33%

Weight/Gallon: 8.8 lbs/gal

VOC (Act./material): 0.2 lbs/gal (less exempt solvents) or 20g/l

VOC (Reg./Coating): 0.5 lbs/gal or58 g/l

HAPs: Zero

Coverage: 519 sq ft per gallon at one mil dry film thickness.

Dry Time: Tack free in 5-8 minutes 135 °F followed by 2 Hg (medium pressure bulbs) 300 watts/in each.
(Note: relative humidity and temperature will effect dry time)

Shelf Life: 6 months in a properly sealed container. Always rotate stock.

Protect product from freezing.

Airless Equipment Usage:
Due to the nature of this product, when used in airless equipment that is not stainless steel system; pumps require daily flushing and cleaning. Do not leave product in the system overnight as discoloration can take place due to reaction between the coating and non-stainless metals.

Note: These numbers represent actual control values on a smooth, sanded substrate. Spray techniques, texture, and sealing as well as film thickness may give different results on actual work, but they may be used for comparison. To the best of our knowledge, the above technical data is true and accurate at the date of

Surface Preparation:
New wood: Remove any dirt, grease, glue or other contaminants and sand wood as required. Moisture content of wood should be 7-9%. **Old wood**: Strip old finishes completely and remove all contaminants from the surface. Make sure the surface is dry, sand as required. Finish as new work.

Material Preparation:
Mix thoroughly before use. Reduction may be required for certain types of application. Water should be used for reduction, not to exceed 15% by volume. If a slower dry time is desired, use Butyl Carbitol.

Application:
A test panel for adhesion checks must be prepared. If using this system over oil based stains, the sealer must be used before application of a topcoat.
Temperature will affect viscosity. Waterborne coatings are designed for spray application. This product must not be polluted with oil; solvent based paint or the like and should not be applied to metal surfaces. Application and drying conditions must be at temperatures of 64°F or above and at a humidity of less than 65%. Increased air flow and/or drying temperatures, including the use of infrared lighting for cure will significantly decrease dry times. Further coats may be applied followed by sanding with 280/320-grit sandpaper. **Maximum dry film thickness should not exceed 4 mils.**

Clean Up:
Use water to clean all equipment when material is in a liquid stage. Use an 80/20 blend of water/Butyl Carbitol when material is partially cured. Use Acetone to remove dried coating.