

## Product Information (PI) Sheet

**Product:** ARROYO® 1K Waterborne Clear Topcoat Tint Base

<b>Code(s):</b>	<b>SUPER FLAT (NATURAL)</b> 00V140950	<b>DULL</b> 00V140952	<b>SATIN</b> 00V140954	<b>GLOSS</b> 00V140958
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**Description:** ML Campbell's ARROYO® 1K Waterborne Clear Topcoat Tint Base is a single-component hybrid WB acrylic-polyurethane system for interior use. Arroyo has exceptional self-sealing, film-build and film formation properties resulting in an extremely smooth, durable finish. Arroyo is GREENGUARD® certified for low indoor emissions and VOC. Arroyo passes all KCMA tests and AWI System 2, Pre-catalyzed Lacquer and System 8, Water Base Acrylic Cross-Linking chemical and moisture resistance tests.

**Uses:** For use on kitchen and bathroom cabinets, dormitory, household, and office furniture. Also, for use on toys, paneling, and display fixtures.

**Other Products:** For stain requirements, see M.L. Campbell WoodSong II Series Water Borne Stains and Toners. Can be self-seal or use **00V140959 Arroyo Clear Sealer**.

Physical Properties (packaged)	
<b>Weight per Gallon:</b>	8.75 ± 0.25 lbs/gal
<b>Viscosity - Ford #4 at 77°F/25°C:</b>	25-35" Ford 4
<b>% Solids - by Weight:</b>	32.04 ± 3
<b>% Solids - by Volume:</b>	27.86 ± 3
<b>Theoretical Coverage at 1 Mil Dry:</b> (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	490-520 sq. ft. per gallon
<b>Flash Point (PMCC):</b>	Not Combustible
<b>Color:</b>	Milky White
<b>Sheen (60° Glossmeter):</b>	Super-Flat (Natural) 5±2, Dull 15 ± 2, Satin 35 ± 2, Gloss 80+
<b>Packaged VOC:</b>	120-131 g/l (1.0-1.09 lbs./gallon)
<b>Volatile HAPS (lbs/lbs of solids):</b>	0.00 lbs/lb
<b>Photochemically Reactive:</b>	No

Surface Preparation	
<b>New Work:</b>	Remove any dirt, grease or other construction contamination from surface. Sand wood as required. No sealer is required.
<b>Old Work:</b>	Remove any dirt, grease, or other contamination from surface. Sand well to improve adhesion.

## Reduction

**ARROYO® 1K Waterborne Clear Topcoat Tint Base** does not require reducing but can be thinned with distilled water (use very small amounts at a time). Thinning should be limited to 3%. Over thinning can cause sags due to high solids content of product.

## Application Procedure

All surfaces should be well sanded. Scuff sanding between coats is necessary. Remove all sanding dust before proceeding with finishing. Always agitate thoroughly before application. Wet mil film application should be 3 to 5 mils per coat. The second or third coat should be applied after complete drying of the previous coat. Sand between coats using 320 sandpaper. Always sand just prior to recoating. The total dry film build should be at least 3 mils and should not exceed 5-6 dry mils.

**Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles.**

**Note:** Hot spray application is not recommended. If hot spray equipment is used, temperature settings should never be over 110°F or 43° C. Apply using only stainless steel or plastic spray equipment. If aluminum equipment is used, some oxidation may occur. Before application material, surface and air temperatures should be a minimum of 65° F or 18° C.

## Equipment Clean Up

- All equipment should be flushed with warm water immediately after use.
- A subsequent flush with alcohol will ensure all moisture is removed from the system.

## Drying Times (at 77° F or 25° C)

<b>Dry to Touch:</b>	20-25 minutes
<b>Sanding Dry:</b>	30-45 minutes
<b>Stacking Dry:</b>	6 - 8 hours

## Packaging/Shipping

**Available Units:** Gallons and Pails.

**Shipping Caution:** Restrictions for shipments of freezable materials.

## Shelf Life and Storage

- Protect from freezing and other extreme temperatures. Product does pass freeze/thaw stability test but must be checked before use to ensure quality.
- Store in airtight containers.
- Shelf life is 18 months.

## DOT Classification

Paint and Related Material

NOIBN

Protect from Freezing

## Caution

- **THESE PRODUCTS ARE DESIGNED FOR PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the Safety Data Sheet (SDS) or Material Safety Data Sheet (MSDS) for additional information.

## Testing

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, customers should test the complete system for adhesion and compatibility under their conditions prior to full-scale application.

## Notes

The information, rating, and options stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application that are not known or under our control, M.L. Campbell cannot make any warranties as to the end result. *Thank you for using M.L. Campbell Wood Finishing products.*