M.L. Campbell
224 Catherine Street
Fort Erie, Ontario L2A 5M9 Canada
Tel: 1(800) 364-1359
Web: www.mlcampbell.com

# Product Data Sheet

**Product:** **ARROYO™ 1K Waterborne Clear Sealer**

**Code(s):** **V140959 Sealer**

**Description:** ML Campbell's **ARROYO™ 1K Waterborne Clear Sealer** is a single-component hybrid WB acrylic-polyurethane system for interior use.
Arroyo 1K Clear sealer will produce an easy sanding finish with very good durability and high resistance to water, solvents, and chemicals. Fre-cut (no-fill) sandpaper must be used for sanding; 220 grit is recommended.
Arroyo is GREENGUARD® certified for low indoor emissions and VOC.

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

**Other Products:** W41259 Aqui-Fi™ Universal Primer or W140959 Arroyo™ 1K Undercoater, V14095x Arroyo™ 1K Water-Borne Clear Topcoat / Tint Base
For stain requirements, see M.L. Campbell WoodSong II Series Water Borne Stains and Dyes.

| **Physical Properties** (packaged) | |
|---|---|
| **Weight per Gallon:** | 8.56 ± 0.25 lbs/gal |
| **Viscosity - Ford #4 at 77°F/25°C:** | 30-40" Ford 4 |
| **% Solids - by Weight:** | 30.60 ± 3 |
| **% Solids - by Volume:** | 26.80 ± 3 |
| **Theoretical Coverage at 1 Mil Dry:** (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.) | 430 ± 25 sq. ft. per gallon |
| **Flash Point (PMCC):** | Not Combustible |
| **Color:** | Milky White |
| **Sheen (60° Glossmeter):** | N/A |
| **Packaged VOC:** | 208 g/l (1.73 lbs./gallon) |
| **Volatile HAPS (lbs/lbs of solids):** | 0.00 lbs/lb |
| **Photochemically Reactive:** | No |

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

| **Reduction** |
|---|
| Product 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. |

M.L. Campbell
224 Catherine Street
Fort Erie, Ontario L2A 5M9 Canada
Tel: 1(800) 364-1359
Web: www.mlcampbell.com

## Application Procedure

Sand wood using 220 grit sandpaper, as required. If water borne stain is used, it is recommended to lightly scuff sand dry stained surface with fine scotch-brite before applying ***Arroyo 1K Wateborne Clear Topcoat*** to reduce possible grain raise from stain. ***Arroyo 1K Wateborne Clear Topcoat*** can be used as a self-sealing system or ***V140959 Arroyo™ 1K Sealer*** can be used as a first sealer coat. Apply ***2 coats (3 if self-seal)*** of ***Arroyo 1K Wateborne Clear Topcoat*** at 3-5 wet mils per coat. Sand with 320, Fre-cut (no fill) type sandpaper between first and second coat. Sand with 320 and then very fine scotch brite between second and third coat. Always sand just prior to recoating. The total dry film build should be at least 3 mils and should not exceed 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)

| | |
|---|---|
| **Dry to Touch:** | 20-25 minutes |
| **Sanding Dry:** | 30-45 minutes |
| **Stacking Dry:** | 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**

- **FOR INDUSTRIAL SHOP APPLICATION 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.*