

## Product Information (PI) Sheet

**Product:** Aguatana Water Borne 2K Conversion Urethane Clear

<b>Code(s):</b>	<b>C119254</b> <b>Satin</b>		
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**Description:** Aguatana WB 2K Conversion Urethane Clear is an extremely durable GREENGUARD certified water borne formula that is easy to use and provides a low VOC, self-sealing, easy sanding, HAPs- free, non-yellowing, two-component clear water borne finish. Aguatana is formulated using specific European water borne urethane resin along with a very unique stir in water borne compatible isocyanate cross linking catalyst for outstanding chemical and moisture resistance. This new technology produces quick hardness development, excellent clarity and helps to maintain the natural appearance of wood. Aguatana has outstanding abrasion resistance which is superior to a solvent conversion varnish, so it is a perfect choice when a water borne coating is required for the most demanding environments.

**Uses:** For use on interior kitchen and bathroom cabinets, dormitory, household and office furniture, tabletops, commercial millwork and display fixtures.

**Other Products:** C116259 Aguamente Sealer. For stain requirements, see M.L. Campbell WoodSong II Series Water Borne Stains and Dyes.

## Physical Properties (packaged)

<b>Weight per Gallon:</b>	8.61+/- 0.2
<b>Viscosity - Ford #4 at 77°F/25°C:</b>	30-35
<b>% Solids - by Weight:</b>	33.0 ± 2.0
<b>% Solids - by Volume:</b>	30.5 +/- 2.0
<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.)	489 sq. ft. per gallon
<b>Flash Point (PMCC):</b>	200°F (+) (93°C) (+)
<b>Color:</b>	Milky White
<b>Sheen (60° Glossmeter):</b>	Satin 35±2
<b>Packaged VOC:</b>	131.7 g/l
<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 – 220 grit, scotch brite water borne stain.
<b>Old Work:</b>	Remove any dirt, grease, or other contamination from surface. Sand well to improve adhesion.

## Mixing and Catalyzing

Aguatana must be catalyzed with the Water Borne 2K Catalyst (C119257) at the ratio of 14 parts base product to one part catalyst (7% catalyst by volume or weight). Weigh or measure catalyst then pour into product while stirring. Stir mixture thoroughly for 3-5 minutes and never shake mixture. The product might seem to thicken upon catalyzation but with proper time will thin down. Let the mixture sit with a loosely covered lid for a minimum of 30 mins to release CO2 created during catalyzation and avoiding air entrapment. The viscosity of the product should now be thin enough to spray, preferable 25-35 seconds in a ford 4 at 77F. Once catalyzed the product has a 4 hour potlife under normal conditions. If spraying your final coat when near the end of the potlife you may want to filter the product before spraying to avoid any contamination caused by previous handling of product or exposure to open air.

## Reduction

No reduction is required. After catalyzing product, the viscosity may drop 5-10 seconds. For most equipment the ideal spray viscosity is around 25-35 seconds in a ford 4 viscosity cup, at 77F. Test and adjust viscosity after catalyzation. If required, small amounts of clean water may be used for specific equipment. Over-thinning due to the high solids nature of this product can cause sags. Thinning should be limited to 5% maximum.

## 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 Aguatana to reduce possible grain raise from stain. Aguatana can be used as a self-sealing system or C116259 Agualente Sealer can be used as a first sealer coat. Apply 2-3 coats of Aguatana at 3-5 wet mils per coat. Sand with 320, Fre-cut (no fill) type sand paper 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.

To obtain the highest level of chemical resistance, let product cure for a minimum of 3 weeks before use in a harsh chemical environment, i.e. bar or table top use.

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

***Note:*** Hot spray application is not recommended. Apply using only stainless steel or plastic spray equipment. Before application, surface and air temperature should be a minimum of 65° F or 18° C.

## Equipment Clean Up

- All equipment should be flushed with warm water, water/alcohol or Gun & Line Cleaner Concentrate GLC10 immediately after use.
- A subsequent flush with alcohol will ensure all moisture is removed from equipment.
- Catalyzed material mixture can be left to sit out and dry solid, then throw out.

## Drying Times (at 77° F or 25° C)

<b>Dry to Touch:</b>	30-40 minutes
<b>Sanding Dry:</b>	45-60 minutes
<b>Stacking Dry:</b>	Let dry minimum of 24 hours before stacking – forced cure will decrease pack and stack time.

## Packaging/Shipping

<b>Available Units:</b>	Gallons and Pails. (Restrictions for shipments of freezable materials.)
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### Shelf Life and Storage

- Freezable – Store in airtight containers.
- Protect from temperature extremes.
- Shelf life is 36 months before catalyzing.

### B/L Description

Paint and related material

NOIBN

Protect from freezing

### Caution

- **THESE PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the 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.*