Zenith™ Waterborne Low VOC Wiping Stain Base is a fast drying, direct-to-wood interior stain base that is specially formulated to highlight and enhance the natural beauty of all types of wood. It is a neutral base used to formulate custom wiping stains. It may also be used to reduce the color strength of Zenith™ Waterborne Wiping Stains (LWS0751-LWS0760). It has very little odor, and grain raise is minimal. This product is designed for professional application only. For Wood Substrates Only.

1. PRODUCTS
- LWS0750

2. MIXING RATIO
- Stir thoroughly, do not shake

3. SHELF LIFE @ 77°F (25°C)
- 24 months from manufacturing date

4. CLEAN UP
- Clean equipment with warm water. If coating has dried, acetone may be required to remove dried film. Keep container closed when not in use to avoid skinning

5. SURFACE PREPARATION
- Surface must be clean and dust free with a moisture content of 6-8% prior to finishing. Remove all dust, dirt, wax and wood marks. Proper sanding and preparation of the wood is critical to achieving consistent results.
- On new wood, finish sand surface with 150-180 grit sandpaper
- On previously finished wood, remove all old paint or varnish and follow new wood procedure

6. COMPANION PRODUCTS
- Zenith™ Waterborne Wiping Stains LWS075X Series
- Zenith™ Waterborne Colorants
- Zenith™ Waterborne Pre-Catalyzed Lacquer
- Zenith™ Waterborne Conversion Varnish
- Zenith™ Waterborne Sealer

7. TECH NOTES
- No thinning is recommended. Retarder: If needed to slow dry time, use Zenith™ Waterborne Retarder YXT0700 at a rate of 1-2% (1.2-2.5 oz per gl.) max.* Max VOC after recommended addition of retarder is 250 g/l or 2.1 lbs per gl.

8. SUBSTRATES
- Commonly used furniture and cabinetry woods
- MDF/HDF
- NOTE: Not to be used on exterior applications

9. FLASH / DRY TIMES
- Dry to touch 20 - 30 Minutes
- Flash between coats 45-60 Minutes
- To Stack

10. APPLICATION
- See application notes for detailed instructions.

11. FORCE DRY
- Flash 5-8 Minutes
- Bake 15 Minutes @ 130°F
- Cool Down 10 Minutes ambient
- Stack

12. GUN SET UP
- Gravity Feed 1.6 mm - 1.8 mm
- Siphon Feed 1.8 mm – 2.0 mm
- Airless 10 – 15 thousandths
- Air-Assisted Airless 11 – 15 thousandths

13. AIR PRESSURES
- Gravity Feed 30-35 psi (2.0-2.4 bar)
- Siphon Feed 35-40 psi (2.4-2.8 bar)
- Air-Assisted Airless 5-10 psi (0.3-0.7 bar)

14. PHYSICAL DATA
- Viscosity N/A
- Weight Solids % 33.64%
- Volume Solids % 29.1%
- Actual VOC 0.24 lbs/gal of Product
- VOC Ratio (lb.voc/lb.solids) 0.08 (lbVOC/lb solid)¹
- Regulatory VOC (less water and exempt solvents) 90.47 g/l
- Weight Per Gallon 8.9 lbs/gal¹
- Flash Point 202°F Closed Cup
- Theoretical Coverage 466.76 ft²/gal @ 1 mil dry
- VHAP (lb/HAP/lb solids) 0.0 lb VHAP/lb solid-HAPs Free
- Photochemically Reactive No
- Coating Category Clear

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Axalta assumes no obligation or liability for use of this information. UNLESS AXALTA AGREES OTHERWISE IN WRITING, AXALTA MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. AXALTA WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. The information in this sheet, as well as the products referenced herein, shall be considered “Confidential Information”. Wet samples and uncured samples of these products shall be maintained as confidential and shall not be disclosed to any third party without Axalta’s written consent.
**Application Notes:**

**Tinting:**

This product is designed to be tinted with approved, high quality industrial waterborne colorants such as Zenith™ High Performance Waterborne colorants or Valspar’s Universal Dye Concentrates (check with your Axalta Distributor for other approved tints). Maximum tint capacity is 12 oz per gallon (9.4% by volume) in a short filled container. Maximum tint load if mixing a custom stain from scratch is 19 oz per gallon (15% by volume). Colorants must be mixed in completely with mechanical agitation before use.

Always test the stain for appearance in an inconspicuous area (or scrap sample of the same type of wood) before using. Intermix containers of the same color. Stir well before use and frequently during use. Apply stain by spray, brush or lint-free cloth. Apply an even, wet coat. While product is still wet (approximately 1-3 minutes) wipe off in a circular motion, working the stain into the wood pore. Finally, wipe clean with the grain of the substrate. DO NOT LEAVE THIS PRODUCT ON THE SUBSTRATE WITHOUT WIPING! These stains penetrate quickly. There is no need to leave them on the substrate longer than a few minutes. Only one coat is recommended.

**Drying Time:**

Dry touch: 20-30 minutes.

Dry to recoat: 45-60 minutes (depending on ambient conditions).

Do not apply if the material or substrate temperature is below 60°F.

This product is best applied when surface, material, and air temperatures are between 60-100°F and when relative humidity is below 50% during application and drying time. Low temperatures, poor air circulation, or high humidity will extend dry times. Abnormal conditions of temperature or humidity may adversely affect product performance.

**Precautions:**

These products are recommended for professional application and are designed for interior use only. Always pre-test the system on your substrate and under your line conditions to verify suitability to the application and to avoid potential need for costly refinishing. Axalta Industrial Wood Coatings are designed to protect and enhance the natural beauty of wood, but cannot eliminate natural discoloration or deterioration of wood as it ages.

**Additional notes:**

Do not mix with other finishing systems or deviate from these finishing recommendations. Axalta will not be held liable for finish failures resulting from the mixing of products or deviations from finishing recommendations.

**Storage:**

Store in a cool, dry place. DO NOT FREEZE! Product should be stored in temperatures between 50ºF-110ºF. Close all containers after use. Do not store near heat or sparks. Spills should be cleaned up with non-sparking tools. See the product MSDS for complete safety information.

**Warning:**

Always pre-test the system on your substrate and under your line conditions to verify suitability to the application and avoid potential need for costly refinishing. All dry times listed are as tested under ideal indoor environmental conditions of 78°F (26°C) with relative humidity not exceeding 50%. These products are recommended for use under temperature conditions of 60-100°F (16-38°C) and when relative humidity is below 50% during application and drying time. Low temperatures, poor air circulation or high humidity will extend dry times. Axalta strongly recommends against use of these products if temperatures of air, material, or surface to be coated are below 60°F (16°C) or below the dew point. Abnormal conditions of temperature or humidity may adversely affect product performance. Please contact your authorized Axalta Industrial Wood Coatings distributor for additional product use recommendations and finishing guidance.