**LKW7450**

**Zenith White Basecoat**

**Date:** March 19, 2019 (supersedes all previous revisions)

### GENERAL INFORMATION

Axalta’s Zenith™ White Basecoat is a single component, easy sanding product designed to be used with the Zenith Precatalyzed and Conversion Varnish White topcoats. When used with the Zenith White Conversion Varnish it is part of a KCMA approved system. Two primer coats offer tannin blocking properties.

### 1. PRODUCTS
- LKW7450

### 2. MIXING RATIO
- Stir thoroughly, do not shake

### 3. SHELF LIFE @ 77°F (25°C)
- 1 year

### 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. ADDITIVES
- Use if needed to adjust dry time, use Zenith™ Waterborne Retarder YXT0700 at a rate of 1-5 oz (1-4%) max per gal.

### 6. 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.

### 7. COMPANION PRODUCTS
- LWW740X Clear Precatalyzed Topcoats
- PWW780X Clear Conversion Varnish Topcoats
- Zenith Waterborne stains and glazes

### 8. TECH NOTES
- No thinning is recommended.
- Maximum tint load - 10% by volume

### 9. SUBSTRATES
- Commonly used furniture and cabinetry woods
- MDF/HDF

**NOTE:** Not to be used on exterior applications

### 10. APPLICATION
- Ready to spray. No thinning is recommended. Two coats required for tannin blocking properties.
- Maximum film thickness of the total coating system must not exceed 4 dry mils.

### 11. FLASH / DRY TIMES

**AIR DRY @ 77°F (25°C)**

- **Dry to touch:** 20 - 25 Minutes
- **Flash between coats:** 35 - 45 Minutes
- **To Stack:** 12 - 24 Hours

**12. FORCE DRY**

- **Flash:** 15 Minutes @ 130°F
- **Bake:** 10 Minutes ambient
- **Stack:** After cool down

**13. GUN SET UP**

- **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)

See spray gun manufacturer data for more information

### 14. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity</td>
<td>18-22 Sec EZ Zahn #3</td>
</tr>
<tr>
<td>Weight Solids %</td>
<td>55.4</td>
</tr>
<tr>
<td>Volume Solids %</td>
<td>41.4</td>
</tr>
<tr>
<td>Actual VOC</td>
<td>0.64 #/gal</td>
</tr>
<tr>
<td>VOC Ratio (lb.voc/lb.solids)</td>
<td>0.05</td>
</tr>
<tr>
<td>Regulatory VOC</td>
<td>77.2 g/l (less water and exempt solvents)</td>
</tr>
<tr>
<td>Weight Per Gallon</td>
<td>10.9</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;210°F</td>
</tr>
<tr>
<td>Theoretical Coverage</td>
<td>664 ft/gal @ 1 mil dry</td>
</tr>
<tr>
<td>VHAP (lb.HAP/lb.solids)</td>
<td>0.00 HAPS Free</td>
</tr>
<tr>
<td>Photochemically Reactive</td>
<td>No</td>
</tr>
<tr>
<td>Coating Category</td>
<td>White Primer</td>
</tr>
</tbody>
</table>

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 prior written permission (supersedes all previous revisions).
**LKW7450**

**Zenith White Basecoat**

Date: March 19, 2019 (supersedes all previous revisions)

---

### Application Notes:

**Always pre-test the system on your substrate to verify suitability of the application.**

- If staining, use an approved Axalta Stain and let dry per the directions on the Technical Data Sheet for the stain you choose.

- **DO NOT SHAKE!** Stir thoroughly before use and occasionally during use. If using an air mixer or drill, run on low speed.

- Apply by spray only, using Conventional Air, HVLP, Airless, or Air Assisted Airless equipment. Apply at a rate of 3-4 wet mils per coat.

- Sand between coats with 240-320 grit, no fill sandpaper. Remove sanding dust before applying the next coat. This finish must be sanded between coats for proper adhesion.

- **DO NOT APPLY** more than 4 coats at 3-4 wet mils per coat when used as a self-seal system. Maximum film thickness of the total coating system MUST NOT EXCEED 6 dry mils.

- Do not apply if the material or substrate temperature is below 60ºF.

### 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 products 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 50º-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 78ºF (26ºC) with relative humidity not exceeding 50%. These products are recommended for use under temperature conditions of 60-100ºF (16-38ºC) 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 60ºF (16ºC) 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.

---

**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 permission.**