Axalta’s Ultraguard™ Conversion Varnish Sealer/Topcoat is a premium quality, post-catalyzed, alkyd-amino sealer/topcoat, formulated to offer exceptional durability and physical properties. As a sealer it dries fast, has excellent holdout, and sands easy. As a topcoat it provides a consistent dead flat appearance. It is supplied ready to spray (after catalyzation) and needs no further reduction. This product is designed for Professional use only. For wood substrates only.

### 1. PRODUCTS
- AUS0846

### 2. MIXING RATIO
- 2.5 oz per gallon (2% by volume) with CXC4000. Voc max catalyzed is 472 g/l. 3.8 oz per gallon (3% by volume) with CXC4005. 8.5 oz per gallon (6.6% by volume) with CXC4010. (see reverse for potlife)

### 3. SHELF LIFE @ 77°F (25°C)
- 18 months as packaged

### 4. CLEAN UP
- Dispose of dirty solvent and cleaning rags in a safe and compliant manner. Solvent or lacquer soaked rags should be stored in water-filled, closed containers prior to disposal.

### 5. Mixing
- Stir thoroughly, do not shake

### 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
- AUS5500
- NVS3100
- VUC1000
- VUW2000
- Graintone Plus™ stain system

### 8. TECH NOTES
- No thinning is recommended.

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

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

### 10. APPLICATION
- See application notes for detailed instructions.

#### 11. FLASH / DRY TIMES
- **AIR DRY @ 77°F (25°C)**
  - Flash: 8 - 10 Minutes
  - Bake: 15 Minutes @ 140°F
  - Cool Down: 10 Minutes ambient
  - Stack: After cool down

#### 12. FORCE DRY
- **AIR DRY@ 77°F (25°C)**
  - Flash: 8 - 10 Minutes
  - Bake: 15 Minutes @ 140°F
  - Cool Down: 10 Minutes ambient
  - Stack: After cool down

#### 13. GUN SET UP
- **GRAVITY FEED**
  - Gravity Feed: 1.4 mm - 1.8 mm
  - Siphon Feed: 1.4 mm - 1.8 mms
  - Airless: 10 – 15 thousandths
  - Air-Assisted Airless: 11 – 15 thousandths

**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)

See spray gun manufacturer data for more information

#### 14. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Viscosity</td>
<td>19-23° @77F #2 EZ ZAHN</td>
</tr>
<tr>
<td>Weight Solids %</td>
<td>31.28%</td>
</tr>
<tr>
<td>Volume Solids %</td>
<td>23.48%</td>
</tr>
<tr>
<td>Actual VOC</td>
<td>3.83 lbs/gal of Product</td>
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<tr>
<td>VOC Ratio (lb.voc/lb.solids)</td>
<td>1.70 (lb VOC/lb solid)</td>
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<tr>
<td>Regulatory VOC (less water and exempt solvents)</td>
<td>590 g/l</td>
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<tr>
<td>Weight Per Gallon</td>
<td>7.69 lbs/gal</td>
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<tr>
<td>Flash Point</td>
<td>9ºF Closed Cup</td>
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<tr>
<td>Theoretical Coverage</td>
<td>376.62 ft/gal @ 1 mil dry</td>
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<tr>
<td>VHAP (lb.HAP/lb.solids)</td>
<td>.30 lb VHAP/lb solid</td>
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<tr>
<td>Photochemically Reactive</td>
<td>No</td>
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<tr>
<td>Coating Category</td>
<td>Clear</td>
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</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.*
Application Notes:

General:
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. Choose the appropriate sheen from the series and agitate well before applying. While under agitation, catalyze the conversion varnish with CXC4000, CXC4005 or CXC4010 at the appropriate rate and let mix for 5-10 minutes or until the catalyst is thoroughly incorporated. Stir thoroughly before use and occasionally during use. 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 type sandpaper. Remove sanding dust before applying the next coat. This finish must be sanded between coats for proper adhesion. DO NOT APPLY more than three 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 4 dry mils.

Drying Time:
Dry to touch: 15-20 minutes
Dry to sand and recoat: 35-45 minutes (depending on ambient conditions).
Do not apply if the material or substrate temperature is below 55ºF.
This product is best applied when surface and air temperatures are between 55º-90º F (~12-32°C) and when relative humidity is below 50% during application and drying time.
Potlife:
8-12 hours @77º F using CXC4000 or CXC4010, 72 hours using CXC4005. (Temperature and humidity can affect potlife, always measure catalyst accurately)

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. Do not transfer contents to other containers for storage or disposal. In case of spillage, absorb with inert material such as sand or kitty litter. Dispose of empty cans or unused portion in accordance with local, state and federal regulations.

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 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.