

AUW7000

Ultraguard™ White Conversion Varnish Primer- 550 VOC-Low HAPs



Date: January 10th, 2017 (supersedes all previous revisions)



GENERAL INFORMATION

This product is a post-catalyzed, acid cured primer formulated for high build and superior performance on MDF and other wood substrates used in interior finishing. When properly applied with the companion topcoat, the film properties of this system provide a tough, durable finish that passes all KCMA performance standards. For Wood Substrates Only.



1. PRODUCTS

- AUW7000



2. MIXING RATIO

- All products should be stirred well before use and, for best results, continuously agitated while in use.
- Catalyzation: 3% 399-5003 catalyst by volume
- Reduction: 20-25% 390-7001 or YYT1090 by volume
- Always catalyze first then reduce the material



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. ADDITIVES

- Use if needed to extend dry times Axalta Lacquer Retarder 390-9303-00 max. 5% by volume



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

- AUW720x, AUW710x Ultraguard™ White Conversion Varnish



8. TECH NOTES

- See additional notes section for any further instructions



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)

Dry to touch	10-15 Minutes
Flash between coats	25-35 Minutes
To Stack	Overnight



12. FORCE DRY

Flash	5-8 Minutes
Bake	15 Minutes @ 125°F
Cool Down	10 Minutes ambient
Stack	After cool down



13. GUN SET UP

Gravity Feed	1.6 mm – 2.0 mm
Siphon Feed	1.6 mm – 2.0 mm
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

Viscosity	70-78 Kreb Units
Weight Solids %	61.70%
Volume Solids %	43.78%
Actual VOC	3.99 lbs/gal of Product
VOC Ratio (lb.voc/lb.solids)	0.60 lb VOC/lb solid
Regulatory VOC (less water and exempt solvents)	481.70 g/l
Weight Per Gallon	10.41 lbs/gal
Flash Point	1.0° F Closed Cup
Theoretical Coverage	702.3 ft/gal @ 1 mil dry
VHAP (lb.HAP/lb.solids)	0.27 lb VHAP/lb solid
Photochemically Reactive	Yes
Coating Category	Pigmented
Formaldehyde Wt %	0.01

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 the prior written permission of Axalta. IU-COR-00047

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Application Notes:

General:

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

While under agitation, catalyze the AUW7000 with 399-5003 at 3% by volume, reduce 20-25% with approved lacquer thinner and let mix for 5-10 minutes or until the catalyst and thinner 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.

On MDF: Apply the primer in one smooth even coat at 3-4 wet mils. Spray two coats on the edges. This will help to build enough film on the edges to cover any imperfections in the MDF and allow for a smoother application of the topcoat.

On Other Wood Substrates: 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. 1-2 coats are recommended on Wood substrates. 2 coats are recommended on MDF. Topcoat with AUW720x or AUW710x series Ultraguard™ White Conversion Varnish. Maximum film thickness of the total coating system **MUST NOT EXCEED 6 dry mils.** Primer should be no more than 50% of the total system dry film.

Drying Time:

Dry to touch: 10-15 minutes Dry to sand and recoat: 25-35 minutes (depending on ambient conditions).

Do not apply if the material or substrate temperature is below 55°F. This product is best applied when surface and air temperatures are between 55°-90° F (~12-32°C) and when relative humidity is below 50% during application and drying time.

Potlife: 24 hours @77° F however for best results use within 8-12 hours (Temperature and humidity can affect potlife, always measure catalyst accurately)

Clean Up:

Refer to your local regulations for compliance requirements for cleaning solvents. 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.

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 50°-110°F. Close all containers after use. Do not store near heat or sparks. Spills should be cleaned up with non-sparking tools. [See the product SDS 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.