



**876-9033 ora Verde® High Gloss PU Hardener**

<b>Product Codes:</b> 876-9033	<b>Viscosity:</b> Zahn #2 signature cup 16 sec at 77°F <b>Flash Point:</b> -4 °F <b>Density (lb/gal):</b> 8.37 <b>Solid (% by weight):</b> 36.6% <b>Solid (% by volume):</b> 30.7% <b>Shelf Life (months):</b> 6
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**Product Description:**  
 Polyisocyanate co-polymer solution, it is used as a low yellowing hardener for two-component high gloss polyurethanes.

**Uses:**  
 Hardener for Chiaro high gloss topcoat and Bianco high gloss topcoat

<b>Environmental Data (as supplied):</b>	<b>VOC less exempt lb/gal:</b> <5.3 <b>VOC lb/gal:</b> <5.3 <b>VOC less exempt g/l:</b> <636 <b>VOC g/l:</b> <636 <b>VOC lb/lb Solid:</b> <1.73 <b>VHAPs lb/lb Solid:</b> <0.01
<b>Note:</b> N/A	

<b>Application Data:</b>	<b>Suggested Uses:</b> Hardener for Chiaro high gloss topcoat 436-4490 and Bianco high gloss topcoat 109-4490 <b>Mixing Ratio:</b> N/A <b>Pot Life:</b> N/A <b>Application Viscosity:</b> N/A <b>Reducer:</b> N/A <b>Retarder:</b> N/A <b>Clean-up Solvent:</b> N/A <b>Recommended Wet Film:</b> N/A <b>Coverage:</b> N/A
<b>Note:</b> N/A	

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### Directions for use:

#### Surface Preparation:

N/A

#### General Information:

The mixed product contains 876-9033, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of those materials. Refer to MSDS for detail information.

The relative humidity in the application and drying room should not exceed 75 % for maximum coating performance.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

#### Drying Times:

	Room Temperature (68°F)	Forced Drying Schedule (122°F)
<b>Tack Free Time:</b>	N/A	N/A
<b>Dry to Sand:</b>	N/A	N/A
<b>Dry to Stack:</b>	N/A	N/A

#### Note:

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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