

Product Finishes

Provisional Data Page CC-UC8



ULTRA-CURE[®] Clear Waterborne U.V. Topcoat

V86FHxxx Series Topcoats

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>												
<p>ULTRA-CURE[®] Clear Waterborne UV Topcoats are advanced UV cure technologies that are developed to meet the customer's finish performance and application line requirements. These waterborne topcoats can be used as a self-seal coating system or over ULTRA-CURE[®] Clear Waterborne UV Sealer products. These high production systems are recommended for spray application on a flat line for interior wood products. Typical end use applications include Kitchen Cabinets, Residential and Commercial Furniture, Moldings. Please contact a local Sherwin-Williams Product Finishes representative near you for details.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Low VOC • No reportable VHAPS • Self-sealing capable • Passes KCMA test criteria for finishes • Ideal for flat line application for a variety of interior wood markets and uses. 	<p>Theoretical</p> <p>Disclaimer: The characteristics provided herein describe a typical product from this series. Formula customization may impact product characteristics. Contact your Sherwin-Williams Product Finishes sales representative for details.</p> <p>Volume Solids: 29-37%</p> <p>Weight Solids: 33-40%</p> <p>Viscosity: Line dependent</p> <p>Recommended film thickness:</p> <table border="0"> <tr> <td>Mils Wet</td> <td>3.0 – 4.5</td> </tr> <tr> <td>Mils Dry</td> <td>1.0 – 1.6</td> </tr> </table> <p>Spreading Rate (No Application Loss) 465-595 sq ft/gal @ 1.0 mils DFT</p> <p>Recommended Radiation Level:</p> <table border="0"> <tr> <td>Band A:</td> <td>512-600 mJ/cm²</td> </tr> <tr> <td>Band B:</td> <td>450 mJ/cm²</td> </tr> <tr> <td>Band C:</td> <td>N/A</td> </tr> <tr> <td>Band V:</td> <td>N/A</td> </tr> </table> <p>Lamp Requirements: Mercury vapor lamps</p> <p>Flash Point: 499° F PMCC</p> <p>Package Life: 3-6 months, Unopened</p> <p>Storage: Refer to product specific SDS.</p> <p>Air Quality Data:</p> <ul style="list-style-type: none"> • Non-Photochemically Reactive • Volatile Organic Compounds (VOC) theoretical, maximum, less exempt solvents as packaged: < .50 lb/gal, 60 g/l • Volatile Hazardous Air Pollutants (VHAPS) as packaged: No reportable VHAPS <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.</p>	Mils Wet	3.0 – 4.5	Mils Dry	1.0 – 1.6	Band A:	512-600 mJ/cm ²	Band B:	450 mJ/cm ²	Band C:	N/A	Band V:	N/A	<p>Wood (Interior Only): Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%.</p> <p>Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p>
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APPLICATION	ADDITIONAL INFORMATION	CAUTIONS
<p style="text-align: center;">Typical Setups</p> <p>May be applied by: Air Assisted Airless</p> <p>Reducer: Deionized water</p> <p>Cleanup: Clean tools/equipment immediately after use with water. Follow manufacturer's safety recommendations when using any solvent.</p> <p>Reclaim: Suitability of the use of reclaim is the responsibility of the customer. Due to various environmental conditions, reclaim should be evaluated before use. If utilizing reclaim, the reclaimed material must be reduced with RO or distilled water, to initial viscosity and mixed 50-50 with virgin material for best performance. Reclaim should never be recovered more than once to prevent coating premature polymerization. Use reclaimed material within a 24-48 hour period after appropriate dilution specified above.</p>	<ul style="list-style-type: none"> • Not recommended for exterior use. • Must use stainless steel equipment. • Storage: Refer to product specific SDS. 	<p style="text-align: center;">FOR INDUSTRIAL SHOP APPLICATION ONLY</p> <p>Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.</p> <p>To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.</p> <p>Please direct any questions or comments to your local Sherwin-Williams facility.</p> <p>Note: All purchases of products from Sherwin-Williams are exclusively subject to Sherwin-Williams' terms and conditions of sale which can be found at www.sherwin.com. Please review these terms and conditions prior to the purchase of the products.</p> <p>Sherwin-Williams warrants the product to be free of manufacturing defect in accordance with Sherwin-Williams' quality control procedures. Except for the preceding sentence, due to factors that are outside of Sherwin-Williams' control, including substrate selection, and customer handling, preparation, and application, Sherwin-Williams cannot make any other warranties related to the product or the performance of the product. SHERWIN-WILLIAMS DISCLAIMS ALL WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.</p> <p>Liability for products proven to be defectively manufactured will be limited solely to replacement of the defective product or the refund of the purchase price paid for the defective product, as determined by Sherwin-Williams. Under no circumstances shall Sherwin-Williams be liable for indirect, special, incidental or consequential damages, lost profits or punitive damages arising from any cause whatsoever.</p>