



Mid★America

PROTECTIVE COATINGS, INC.

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<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>UV Curable Coatings are near 100% solids coatings designed for use on a wide variety of substrates, including wood, metal, plastic. These coatings provide an excellent appearance either as a self-sealer or over commercially available seales. Meet all current regulations for EPA volatile organic compounds emission for finishing.</p> <p><u>Advantages:</u></p> <ol style="list-style-type: none"> 1. Meets Federal HAPs rule for finishes as packaged 2. User friendly - ease of of handle. 3. Excellent mar resistance. 4. Very good hardness, flexibility balance. 5. Flow and leveling 6. Fast curing speeds. 7. Full gloss range available. 8. Available as in clear, tinted or opaque form. 9. Applications include spray, vacuum coat or roller coat. 10. Good chemical resistance 11. Toughness and adhesion 12. Meet Kitchen Cabinet Manufacturers Association (KCMA) 	<p><u>Gloss:</u> High 70+ units Semi 30-60 units Low 10-20 units</p> <p><u>Solids:</u> Volume 100% Weight 100%</p> <p><u>Viscosity:</u> spray 20-30" (#2Zahn Cup) vacuum coat 30-40" (#2Zahn Cup) roller coat 1K-2K cps (#3spindle @20 rpm)</p> <p><u>Curing:</u> 2 Standard Mercury(H) 300 watts/in are recommended to cure clear or lightly tinted coatings at 2 mills dry film thickness. If a thicker coat or dark/ opaque colors Gallium (V) 300 watts/in lights should be used to provide deep through cure of UV Curable Coatings.</p> <p><u>Package Life</u> 1 year unopened inside storage</p> <p><u>Volatile Organic Compounds:</u> 0.2 max#/gal</p> <p><u>Cold Check Resistance:</u> passes 20 cycles</p>	<p><u>Wood</u> (interior only): Must be clean, dry, finish sanded. Substrate should be free of grease, oil, dirt and any contamination to ensure proper adhesion and coating properties.</p> <p><u>Moisture content</u> of wood should be 6 - 8%</p> <p><u>Testing:</u> Due to the wide variety of substrates, surface preparations, application methods and environments customer should test complete system prior to full scale application.</p> <p><u>Wood Finishing System:</u></p> <ol style="list-style-type: none"> 1. If used as a self-sealer - apply at 1 - 2 wet mills. Cure completely Sand with 240-grit sandpaper. 2. Apply topcoat at 1 -2 wet mills. Cure completely. 3. If another coat is necessary sand with 240-grit sandpaper. Maximum dry film thickness must not exceed 4 mills dry.