

Randolph Products Company

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**MIL-PRF-24635E Type III, Grade A and B**

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>A silicone alkyd for use on primed metal, glass, reinforced plastic and plastic/composite surfaces.</p> <p>This product is designed to give good gloss and color stability when exposed to UV light.</p> <p>Grade B products contain a Low Solar Absorption package which minimizes Heat Efficiency Transfer (HET).</p> <p>QPL approved under MIL-PRF-24635 Type III, Class 1 – 3, Grade A and B.</p> <p>Randolph Products Co. warrants that its Products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should thoroughly test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or replacement in kind.</p> <p>Randolph Products Company 33 Haynes Circle Chicopee, MA 01020 Phone: 413-592-4191 Fax: 413-594-7321 www.randolphproducts.com</p>	<ol style="list-style-type: none"> 1. Colors SAE-AMS-STD-595/Fed. Std. 595C colors 2 Solids by Volume: 47 – 53% (varies by color and gloss) 3. VOC content: Maximum 2.08 lbs/gallon (250 grams/liter) 4. Solids by Weight: 55 – 65% (varies by color and gloss) 5. QUVB 313 Pass 300 hours Gloss loss <35% DE < 1.0 CIELAB Units 6. Viscosity 90KU Maximum 7. Dry Time Touch Dry: 2 hours max. Through Dry: 6 – 8 hours Recoat: 24 hours 8. Gloss @ 60° SAE-AMS-STD-595/Fed Std 1XXXX > 85 SAE-AMS-STD-595/Fed Std 2XXXX 45 – 60 SAE-AMS-STD-595/ Fed Std 3XXXX 7 – 12 9. Theoretical Coverage 754 - 850 ft²/gallon(varies by color and gloss) 10. Shelf Life 2 Years from Date of Manufacture 	<p>Application Recommendations: May be brushed, rolled or sprayed conventional or airless.</p> <p>Mixing: A single component product. Mix thoroughly before use.</p> <p>Recommended Primers: MIL-DTL-24441, MIL-PRF-23236 or TT-P-645</p> <p>Previously Painted Surfaces: Remove all mill scale, loose rust, loose paint and other foreign matter per SSPC-SP2, SSPC-SP3 or SSPC-SP7.</p> <p>Application Equipment: Conventional Spray – Air pressure and fluid pressure as needed for proper atomization. Airless Spray – Pressure: 1500 – 2500 psi Tip Size: 0.017 – 0.019”</p> <p>Clean-up: Use Mineral Sprits for clean up Do not thin</p> <p>Safety Precautions: This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet prior to application.</p>