

**MIL-PRF-22750G, TYPE III –High Solids DTM Epoxy**

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>A two component, high solids, HAPS free, direct to metal epoxy with a maximum VOC of 2.8 lbs/gallon (340 grams/liter).</p> <p>Designed to give enhanced corrosion protection.</p> <p>QPL approved under MIL-PRF-22750G, Type III, Class H, Grade A.</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"> <li><b>1. Color:</b>  SAE-AMS-STD-595/ Fed. Std. 595  Colors 2XXXX  SAE-AMS-STD-595/ Fed. Std. 595  Colors 3XXXX</li> <li><b>2. Volume Solids:</b>  51 - 56% (varies by color)</li> <li><b>3. Solids by Weight:</b>  67 - 73% (varies by color)</li> <li><b>4. Viscosity:</b>  &lt; 50 seconds #4 Ford Cup</li> <li><b>5. DFT:</b>  1.7 – 2.3 mils</li> <li><b>6. Theoretical Coverage @ 1 mil dft:</b>  818 - 898 ft<sup>2</sup>/gallon  (varies by color)</li> <li><b>7. Gloss @ 60°</b>  Semigloss: 15 – 30  Flat: 5 maximum</li> <li><b>8. Dry Time</b>  Set to Touch: 4 hours max.  Dry Hard: 8 hours max.  Complete Cure: 7 days</li> <li><b>9. Pot Life</b>  4 hours minimum</li> <li><b>10. Mix Ratio</b>  4:1 by volume  4 parts Component A  1 part 22750G-3-COMP B</li> <li><b>11. VOC</b>  &lt;2.8 lbs/gallon (340 grams/liter)</li> <li><b>12. Shelf Life:</b>  Two years from date of manufacture</li> </ol>	<p><b>Steel:</b> Surface must be clean and free of grease, dirt, oil, rust and other contaminants that could interfere with proper adhesion.</p> <p><b>Aluminum:</b> Surface must be clean and free of grease, dirt, oil, rust and other contaminants that could interfere with proper adhesion.</p> <p><b>Galvanized and other metals:</b> Clean and remove surface contamination including oxidation. .</p> <p><b>Reduction:</b> Thin as needed with MIL-T-81772B Type 2 thinner insuring that the thinned VOC is &lt;340 grams/liter.</p> <p><b>Conventional Spray:</b>  Atomizing Pressure: 45 – 55 psi  Pot Fluid Pressure: 10 – 20 lbs.</p> <p><b>Airless Spray:</b>  Tip Size: 0.011 – 0.015” orifice  Atomizing Pressure: 1800 - 2200 psi</p> <p><b>Clean-up:</b>  Clean tools and equipment immediately after use with MEK, MAK or MIL-T-81772 Type 2 thinner.</p> <p><b>Safety Precautions:</b>  This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet prior to application.</p>