

Randolph Products Company

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**MIL-C-46168D TYPE 2 POLYURETHANE**

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>A two component lead and chromate free polyester urethane designed to provide surfaces that are easily and effectively decontaminated after exposure to chemical agents.</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: 30051 Brown; 31136 Aircraft Red; 33245 Earth Yellow; 33303 Sand; 33446 Tan; 34031 Aircraft Green; 34088 Olive Drab; 34094 383 Green; 36300 Aircraft Gray; 37030 Black; 37038 Aircraft Black; 37875 Aircraft White 2. Volume Solids: 46 +/-2% (varies by color) 3. Solids by Weight: 65 +/-2% (varies by color) 4. Viscosity: 70 – 85 KU 5. DFT: 1.8 – 2.2 mils 6. Theoretical Coverage @ 1 mil dft: 737 ft²/gallon (varies by color) 7. Gloss @ 60° 3 max. 8. Gloss @ 20°: 8 max. 9. Dry Time Dry Hard: 3 hours max. Dry Through: 4 hours max. Complete Cure: 7 days 10. Mix Ratio 4:1 by volume 4 parts Component A 1 part Component B (46168COMB)) 11. VOC 4.1 lbs/gallon (471 grams/liter) (varies by color) 12. Shelf Life One year from date of manufacture 	<p>Application Method: Spray application is recommended.</p> <p>Recommended Surface Preparation: The surface to be coated should be free of grease, oil or other contaminants that could interfere with adhesion and performance.</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>Recommended Primers: Apply over MIL-PRF-23377 (aluminum) or MIL-DTL-53022 (steel).</p> <p>Reduction: Reduce with MIL-DTL-81772 Type 1 or Type IV as required. A maximum of 1 part thinner is recommended.</p> <p>Conventional Spray: Atomizing Pressure: 45 – 55 psi Pot Fluid Pressure: 10 – 20 lbs.</p> <p>Clean-up: Clean tools and equipment immediately after use with MIL-T-81772 Type 1 thinner.</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>