

**MIL-E-46096 HEAT REFLECTING ENAMEL, TYPE 1**

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>A lusterless quick drying solar heat reflecting styrenated alkyd enamel.</p> <p>This enamel is intended for use as a low visibility solar heat reflecting finish coat for missiles, vehicles and other weapons systems components to minimize the effects of solar heating.</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. Colors:</b>  Supplied in the following SAE-AMS-STD-595/Fed. Std. 595C colors  30372 – Saudi Tan  34079 – Green  33531 – Sand  34088 – Olive Drab</li> <li><b>2. Volume Solids:</b>  43 +/- 2% (varies by color)</li> <li><b>3. Viscosity:</b>  67 – 77 KU (as supplied)</li> <li><b>4. Weight Solids:</b>  60 +/- 2% (varies by color)</li> <li><b>5. Dry Time:</b>  Set to Touch: 3 – 6 minutes  Dry Hard: 10 minutes  Dry Through: 20 minutes  Full Hardness: 72 hours</li> <li><b>6. VOC:</b>  4.4 lbs/gallon max. (527 grams/liter)</li> <li><b>7. Theoretical Coverage @ 1 mil dft:</b>  690 ft<sup>2</sup>/gallon</li> <li><b>8. Gloss @ 60°:</b>  2 - 3</li> </ol>	<p><b>Application Recommendations:</b>  May be sprayed or brushed.</p> <p><b>Mixing:</b>  A single component product. Mix thoroughly before use.</p> <p><b>Recommended Surface Preparation:</b>  The surface to be coated should be free of grease, oil or other contaminants that could interfere with adhesion and performance.</p> <p><b>Previously Painted Surfaces:</b>  Remove all mill scale, loose rust, loose paint and other foreign matter per SSPC-SP2, SSPC-SP3 or SSPC-SP7.</p> <p><b>Application Equipment:</b>  Conventional Spray – Air pressure and fluid pressure as needed for proper atomization.</p> <p><b>Thinning/Clean-up:</b>  Use TT-X-916 (Xylene) for clean up and thinning.</p> <p><b>Safety Precautions:</b>  This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet</p>