



## Features

**SERIES 599-Y1371 (Y2000T):** A sprayable metallic coating system using a specially formulated non-oxidizing copper as the conductive agent. Developed for use as an RFI and EMI shield for plastic electronic equipment housings. **599-Y1371** can be used on acrylic, ABS and structural foams, e.g. Noryl, Valox, etc. as well as solvent sensitive substrates such as polycarbonate and polystyrene.

## Product Description

<b>SYSTEM:</b>	One component, air dry.
<b>SOLIDS:</b>	29% ± 2% by weight.
<b>DENSITY:</b>	8.6 ± .3 lbs. per gallon (1.02 ± 0.03 Kg/liter)
<b>VISCOSITY:</b>	19 ± 2 Sec. #2 EZ Viscosity Cup
<b>THINNER:</b>	Check viscosity after thorough mixing. Adjust to 19 seconds #2 EZ Viscosity Cup with Toluene.
<b>APPLICATION METHOD:</b>	Cup gun or pressure pot with agitation to keep copper in suspension.
<b>DRYING TIME:</b>	30 minutes flash off at room temperature; then 30 then 30 minutes @ 140°F. (60°F)
<b>ADHESION:</b>	Excellent to most plastic substrates.
<b>HUMIDITY RESISTANCE:</b>	No change in resistivity or attenuation when Tested in accordance with MIL-STD-202 Method 106-40 cycles; MIL-STD-810 Method 507 Procedure .
<b>SURFACE RESISTIVITY:</b>	<0.050 ± 0.005 ohms/sq. @ 2 mil (50 microns) dry film thickness.
<b>ATTENUATION:</b>	More than 75 dB from 1 MHz to 1 Ghz.
<b>COVERAGE:</b>	256 SF/gallon/mil at 100% transfer efficiency. 6.3m <sup>2</sup> /liter/25 microns.
<b>STORAGE LIFE:</b>	Recommended storage in unopened containers is 12 months from date of shipment. Older material should have all Q.C. requirements rechecked before using.



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