Dielectric Withstand Voltage (Per MIL-I-46058C)	>1500V
Surface Insulation Resistance (per IPC J-STD-004 (mod.))	9.0 $\log_{10}$ ohms
Salt Spray Resistance (Per IEC60068-2-11)	Passes
Flammability, per UL-94	V1
Thermal Conductivity	0.505 W/mK
Dielectric Constant at 10GHz and 22C Per ASTM-D2520	3.07
Dissipation Factor at 10GHz and 22C Per ASTM-D2520	0.03
Damp Heat Insulation Resistance (40C/90% RH)	10.3 $\log_{10}$ ohms

Application of HumiSeal® UV500-2

Conformal coatings can be successfully applied to substrates that have been cleaned prior to coating and also to substrates assembled with low residue, “no clean” assembly materials. Users should perform adequate testing to confirm compatibility between the conformal coating and their particular assembly materials, process conditions and cleanliness level. Please contact HumiSeal® for additional information.

Spraying

HumiSeal® UV500-2 can be applied via standard selective coating equipment or by conventional hand spray equipment. The source air used for spraying must be dry (a dry air supply or dry inert gas (nitrogen or argon) is highly recommended) to prevent premature curing of the

Clean Up
To flush equipment and clean uncured HumiSeal® UV500-2, non-alcohol based solvents should be used. HumiSeal® Thinner 521 or Thinner 521EU is recommended.

Rework
HumiSeal® UV500-2 is a highly crosslinked UV cured coating. The cured film has a high degree of environmental