

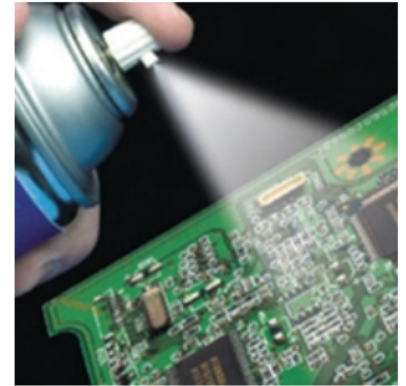


UR Urethane Conformal Coating

2104

Techspray offers a variety of coating formulas to match field and engineering requirements. Specifications generally depend on the type of protection needed: e.g. thermal, moisture, and static resistance.

Coatings contain Opti/Scan to allow quality control inspection of coverage and evenness of the coating on a PCB. A coated board can be passed under a standard, low-cost UV (short-wave black) light, and the coated areas glow. The brighter the glow, the thicker the coating.



Tough coating with good chemical resistance

Urethane Conformal Coating is widely used in harsh chemical environments.

- Max operating temperature to 248°F (120°C)
- Dielectric strength 380 volts/mil
- Non-ozone depleting
- Moisture resistant
- Chemically resistant
- Abrasion resistant
- IPC-CC-830B & MIL-I-46058C qualified
- UV indicator for black light QC inspection

Specifications:

- MIL-I-46058C Type UR
- IPC-CC-830B

Product Packaging

2104-12S
 Fine-L-Kote UR Conformal Coating
 12 oz
 12 units/case



2104-G
 Fine-L-Kote UR Conformal Coating
 1 gal
 1 units/case



2104-5G
 Fine-L-Kote UR Conformal Coating
 5 gal
 1 units/case



Technical Information



Techspray
 8125 Cobb Center Drive,
 Kennesaw, GA 30152
 800-858-4043 • www.techspray.com



Chemical Composition

CHEMICAL NAME	CAS #
n-Propyl acetate	109-60-4
Urethane prepolymer	1330-20-7
Xylenes (o-,m-,p- isomers)	100-41-4
ethylbenzene	109-99-9
Tetrahydrofuran	811-97-2
1,1,1,2-Tetrafluoroethane (aerosol only)	

Performance & Application Data

Cure type	Thermal / air
Tack-free time (min)	15
Accelerated cure time/temp	2 Step: 20 Min.@ 49°C, 30 Min.@ 82°C
Ambient cure time	24 hrs
Viscosity (bulk)	10-20 cps
Operating temperature range	-30° - 121° C
Dielectric strength	380 V/Mil
Insulation resistance (ohms)	1.78 x 10 ¹⁶

Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

North America

Techspray
P.O. Box 949
Amarillo, TX 79105
800-858-4043
Email: tsales@techspray.com

Europe

ITW Contamination Control
Saffierlaan 5
2132 VZ Hoofddorp
The Netherlands
+31 88 1307 400
Email: info@itw-cc.com

Countries Outside US

Call to locate a distributor in your country.



Techspray
8125 Cobb Center Drive,
Kennesaw, GA 30152
800-858-4043 • www.techspray.com



Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.

© 2015 Techspray, A Division of ITW