



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

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



Chemical & Physical Properties	
Appearance	Clear water-white viscous liquid
Odor	Aromatic odor
Flash Point	27.2°C (81°F)
VOC (EPA)	744 g/l
VOC (CARB)	
Boiling Point	149°C (300°F)
Density	0.93

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)	

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.

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Countries Outside US

Call to locate a distributor in your country

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.