



# HT High-Temp Silicone Conformal Coating

## 2106

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.



### Superior thermal and moisture resistance

High Temperature Silicone Coating is designed to prevent thermal breakdown at high temperatures. Silicone Conformal Coating is the most universal coating, offering protection for a wide variety of environments.

- Designed for high temperature environments
- Fast-drying silicone — 1-step process
- Non-ozone depleting
- Max operating temperature — to 662°F (350°C)
- Dielectric strength — 560 volts/mil
- Moisture resistant
- Vibration resistant — flexible
- UV indicator for black light QC inspection

### Product Packaging

2106-12S  
 Fine-L-Kote HT Conformal Coating  
 12 oz  
 12 units/case



2106-G  
 Fine-L-Kote HT Conformal Coating  
 1 gal  
 1 units/case



### Chemical & Physical Properties

Appearance	Clear, colorless liquid
Odor	Aromatic odor
Flash Point	40°F
VOC (EPA)	724 g/l
VOC (CARB)	
Boiling Point	110°C (230°F)
Density	0.92

### Chemical Composition

CHEMICAL NAME	CAS #
Xylenes (o-,m-,p- isomers)	1330-20-7





**TECHSPRAY®**

# Technical Data Sheet

Benzene- methyl, (Toluene)	108-88-3
Polysiloxane mixture	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](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

### North America

Techspray  
P.O. Box 949  
Amarillo, TX 79105  
800-858-4043  
email: [tsales@techspray.com](mailto:tsales@techspray.com)

### Europe

ITW Contamination Control BV  
Saffierlaan 5  
2132 VZ Hoofddorp  
The Netherlands  
+31 88 1307 400  
email: [info@itw-cc.com](mailto:info@itw-cc.com)

### Countries Outside US

Call to locate a distributor in your country

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