



Overcoat Pen - Green

Trace Technologies®
2509

Introduction

The Overcoat Pen was designed to insulate printed circuit board traces and components against high voltage arcing. It also provides protection from moisture and fungus. The pen configuration is useful for rework and repair when precision application is necessary. Formulated with OptiScan™ for black light inspection.

Features / Benefits

- Protects Conductive Pen Traces
- Repairs Permanent Solder Mask
- Prevents Shorting and Arcing

Chemical Components

Acetone.....	(67-64-1)	22-26%
Acrylic Polymer Blend.....		28-32%
n-Propyl Acetate.....	(109-60-4)	43-47%
Dye.....		<1%

Cure Type	Thermal
Meets/Exceeds IPC-CC-830 MIL-I-46058C	AR Acrylic
Thermal Shock	2
Dielectric Constant (@ 10 ⁶ Hz)	3.1
Dielectric Strength (Volts/Mill)	2086
Volume Resistivity	4x10 ¹³ Dry
Moisture Resistance	2
Resistant to Fungus	Yes
Ease of Repair	2
Flexibility	2
Chemical Resistance	1
Dry Time to Touch	15 min.
Cure Time	24 Hours
Accelerated Cure Time	20 min. @ 120°F 30 min. @ 180°F Two Step Process
Removal (2510-P or 2510-N)	1-5 min.
Burn Through	Yes

Ratings: 5 (Excellent), 4 (Very Good), 3 (Good), 2 (Fair), 1 (Poor)

Typical Physical Properties for 2509

% Non Volatile	20
Gardner Color	1 Max
Acid Value (g KOH/g Acid)	4.3 – 4.9
Tg 2 (C)	43.5 – 46.5
MFI (g/10 min.)	19 @ 190°C
Molecular Weight	90,000
Viscosity (cps) Bulk	34-54

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.

Packaging and Availability

Overcoat Pen is available in the following sizes:

2509-GN 1 5ml Pen Green

Resources

Techspray® products are supported by 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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Call to locate a distributor
in your country.

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