

TECHNICAL DATA SHEET

Protect 77 Spray

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METLOK PRIVATE LIMITED
(An ISO 9001 Certified Company)
W-27, M.I.D.C. Industrial Area
Kalmeshwar – 441 501, Nagpur

Product Description

Protect 77 Spray is a clear, sprayable coating without chlorinated solvents or CFC's. The coating air dries and is tack-free in five minutes to provide a tough environmental, solvent and corrosion resistant coating.

Applications:

Use for protection of printed circuit boards, electronic components, and thick-film circuits and other substrates.

Properties

Appearance	: Clear liquid
Technology	: Acrylic
Components	: One component
Cure	: Room Temperature
Specific Gravity@ 25°C	: 0.92
Viscosity, Brookfield,	: 20 - 50 cP
DV II + Pro, At 25 °C,	
Spindle no. 2, Speed 100	
r.p.m.	

Electrical Properties

Dielectric Breakdown Voltage, : 5.8 KV/mm
ASTM D149

Directions for Use

1. Application surface should be free of flux, grease, ionic residue or any other contaminants. Mask board if required.
2. Shake can thoroughly before use.
3. Spray board 15 to 20 cm from surface with even motion.
4. Rotate board and repeat application 2-3 times for best coverage.
5. Application with PCB in horizontal position recommended for even coating.
6. A coating of 0.05 to 0.07 mm will air dry tack-free within 5 minutes @ 22 °C and 40 to 60 %RH. Full cure requires 24 hours @ 22 °C.
7. Cured coatings may be removed by soaking in acetone. Component replacement may be accomplished by localized de-soldering/soldering through the coating and reapplication.

Storage

- ❖ Store product in the unopened container in a dry location at 25±2°C.
- ❖ Shelf Life: - 12 months. Stored at 25±2 °C.
- ❖ Material removed from containers may be contaminated during use. Do not return product to the original container.

Note

All statements, technical information and recommendations set forth herein are based on tests which Metlok Private Limited, believes to be reliable. However, Metlok Private Limited does not guarantee their accuracy or completeness. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In no case will Metlok Private Limited be liable for direct, consequential economic or other damages.

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