

Conformal Coating (PECC)

CURTISS- WRIGHT

Nuclear Power Products and Services



Product Description

PECC is a transparent resin solution that offers excellent dielectric properties, moisture resistance and thermal shock properties. PECC's primary usage is as a coating applied to terminal blocks and other electrical terminations. PECC eliminates excessive leakage current during postulated accident conditions and minimizes loss of insulation resistance.

Applications

PECC should be applied to a clean dry surface. Apply PECC with a non-conductive, soft bristled brush. Application instructions are supplied upon request.

Product Features

- One-part compound – no mixing or measuring
- Easy application
- May be applied to energized circuits
- Suitable for most qualified non-polystyrene terminal block materials
- Curable at room temperature
- Tack-free in one hour
- Easily removed for later access to circuits

Qualification Levels

- Qualified life: 40 years at 194°F (90°C)
- Radiation: tested to 2E7 rads gamma
- Seismic: 6.0g ZPA
- Accident tested to 355°F (179°C), 30 psig (308.2 kPa), and 100% R.H.

Qualification Standards

Successfully qualified by test in accordance with:

- IEEE 323-1983
- IEEE 344-1975
- 10CFR50.49
- ANSI N45.2
- 10CFR50/Appendix B
- MIL-I-46058C qualified
- IPC-CC-830A qualified

How to Order

PECC is available in 4-oz. containers and ordered as Part Number: PECC.

CONTACT INFORMATION:

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