



MANTECH

APPLICATIONS IN OUR INDUSTRY

ELITE CHEMICALS

APPLICATIONS IN THE ELECTRICAL AND ELECTRONICS INDUSTRY

1. IP (INTELLECTUAL PROPERTY) PROTECTION

Protect products from ingress, copying, reverse engineering and replicating, by encapsulating in non-re-entry / hard and opaque potting compounds.

- a. **New inventions**
- b. **Sensitive Designs**
- c. **PCB's**

2. PRODUCT PROTECTION FROM ENVIRONMENT

Protect products from ingress, impact, vibration, shock, moisture, chemicals, light, environmental, as well as user interference.

- a. **Interface modules**
- b. **Sensors, PCB's**
- c. **LED fittings**

3. ELECTRICAL INSULATION

Protect products from electrical shorts, contact, leakage, etc.

- a. **Transformers & Motors**
- b. **Coils, Windings, Ballasts**
- c. **HV products**
- d. **Junction boxes**
- e. **Bridge rectifiers**
- f. **Ignition systems**
- g. **Capacitors**

4. BONDING / GLUING

Join, permanently or temporary, two parts or more, using two component substances. Such as PVC, metals, ceramics, wood, etc.

5. CONFORMAL COATING AND CASTINGS

Protect products, such as PCB's from impact or mechanical interference or environmental impact, such as moisture, corrosion, etc., using two component substances.