### 5 Strengths of Coating Type
- Good dielectric properties
- Good moisture resistance
- Solvent resistance
- Less reversion potential
- Abrasion resistance

### 5 Weaknesses of Cure Type

#### Solvent Evaporation
- Moisture affects cure rate and desired properties
- Long complete cure time (up to 30 days)
- Health and safety concerns
- Potential for high stress during temperature cycling conditions
- High probability of reversion under temperature and humidity stress conditions

#### Heat Cure
- Cure is dependent on thickness
- Component mass affects time and temperature of cure process
- High VOC potential
- Reacts violently with presence of water
- Should be used with caution for low temperature components

#### UV Cure
- One component coatings require accurate application material to avoid shadowed areas
- Two part systems require meter mix equipment
- Some coatings are more difficult to rework
- UV Intensity and Wavelength effects cure
- Some secondary cure mechanisms require heat exposure