UV Cure 60-7108
Non-Yellowing Adhesive and Potting Compound

DESCRIPTION:
UV Cure 60-7108 is a low viscosity and optically clear UV curable system. It is designed for fiber optic and other clear adhesive or potting applications. UV Cure 60-7108 is a good choice for electronic assemblies due to its electrical insulation properties and moisture resistance. Its low viscosity makes it suitable for coating applications.

FEATURES:
- Water clear
- Excellent exterior durability
- Non-yellowing
- Low viscosity

TYPICAL SPECIFICATIONS:
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Viscosity, 25°C, cps</td>
<td>800</td>
</tr>
<tr>
<td>Tensile strength, psi</td>
<td>3,300</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>90</td>
</tr>
<tr>
<td>Hardness, Shore D</td>
<td>80</td>
</tr>
<tr>
<td>Operating temperature range, °C</td>
<td>-50 to +155</td>
</tr>
<tr>
<td>Dielectric Strength, V/mil</td>
<td>450</td>
</tr>
<tr>
<td>Dielectric Constant, @ 60 Hz</td>
<td>4.5</td>
</tr>
<tr>
<td>Volume Resistivity, 25°C, ohm-cm</td>
<td>$5 \times 10^{16}$</td>
</tr>
</tbody>
</table>

ADHESION:
- Cold rolled steel: SR
- Stainless steel: SR
- Aluminum: SR
- Copper: HR
- Glass: SR
- PVC: SR
- Nylon: SR
- HDPE: NR
- LDPE: HR
- Polycarbonate: SR
- Polypropylene: SR

SR = Strongly recommended         HR = Highly recommended
R = Recommended                    NR = Not recommended
CURE SCHEDULE:
UV Cure-100 Spot Cure, seconds  12
UV Cure Conveyor, seconds  10

Cure speed is dependent upon the UV light source, thickness of material, distance from the light, and UV transmission of substrates through which the UV light must pass to reach the adhesive.

STORAGE AND HANDLING:
All UV curable resins should be stored in a dark cool area. Store at temperatures below 30 °C (86 °F). Expected shelf life is one year when stored below 30 °C (86 °F) in the original, unopened container. Refrigerated storage extends shelf life.

CAUTION:
Read Safety Data Sheet (SDS) before using this or any other chemical.

IMPORTANT:
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09/13