DESCRIPTION: Solarite EA- 0504 is a room temperature curing semi-rigid high peel strength epoxy adhesive compound, whose convenient mixing ratio makes it easy to use and well suited to automatic dispensing equipment. EA- 0504 has excellent shock resistance, vibration resistance and impact strength. It is recommended for bonding similar and dissimilar substrates such as wood, metal, ceramics and thermoplastics.

SPECIFICATIONS—UNCURED:

<table>
<thead>
<tr>
<th></th>
<th>Part A</th>
<th>Part B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color, Visual</td>
<td>Neutral</td>
<td>Gray</td>
</tr>
<tr>
<td>Mix Ratio—By Weight</td>
<td>100</td>
<td>140</td>
</tr>
<tr>
<td>Mix Ratio—By Volume</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>Viscosity, cps, ASTM-D-2393</td>
<td>90,000</td>
<td>60,000</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.35</td>
<td>1.26</td>
</tr>
<tr>
<td>Gel Time, 25°C, Hours</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>Mixed Viscosity, cps, ASTM-D-1084</td>
<td>70,000</td>
<td></td>
</tr>
<tr>
<td>Shelf Life, 25°C, Months</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

SPECIFICATIONS—CURED:

PHYSICAL:

- Durometer, ASTM-D-2240: 65D
- Tensile Strength, psi, ASTM-D-638: 3,300
- Tensile Elongation, Percentage, ASTM-D-638: 30.0
- Thermal Conductivity, BTU-in/ft2 (Hour) (°F): 2.0
- Service Temperature, °C: 130
- Lap Shear (Al/Al,2024-T3 acid etched) 25C ,psi: 2800
- T-Peel (Al/Al,2024-T3 acid Etched) 25C ,pli: 30.2

ELECTRICAL PROPERTIES:

- Dielectric Strength, Volts/Mil, ASTM-D-149: 422
- Dielectric Constant, 1 kHz, ASTM-D-150: 4.6
- Dissipation Factor, 1 kHz, ASTM-D-150: 0.02
- Volume Resistivity, ohm/cm, ASTM-D-257: $1 \times 10^{14}$
USE INSTRUCTIONS:
1. Pre-mix contents of each container before use to ensure the entire contents are uniform. Some settling may occur upon prolonged storage which is soft and easily incorporated.
2. Measure out I components of the product by weight or volume and mix thoroughly together to incorporate any settled material.
3. De-air if necessary at 760 mm of Hg for 5-10 minutes.
4. Pour into cavity to be encapsulated or adhered.

CURE SCHEDULE:
Initial cure is achieved in 16-24 hours at room temperature. Final cure takes at least 7-10 days at 72F. To accelerate the cure higher temperatures can be used, 2-4 hours at 150 F is usually sufficient, after allowing the product to gel at room temperature for 3 hours.

STORAGE REQUIREMENTS:
This product has a tendency to settle upon storage and shipment, material should be mixed well prior to use. Store in a cool dry place.

IMPORTANT:
The following supersedes any provision in your company's forms, letters, and papers. SOLAR COMPOUNDS CORPORATION makes NO WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES of MERCHANTABILITY OR of FITNESS FOR A PARTICULAR PURPOSE FOR THIS PRODUCT. No statements or recommendations contained in the product literature are to be construed as inducements to infringe any relevant patent, now or thereafter in existence. UNDER NO CIRCUMSTANCES SHALL SOLAR COMPOUNDS CORPORATION BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH of WARRANTY, STRICT LIABILITY OR ANY OTHER THEORY, ARISING OUT of THE USE OR HANDLING of THIS PRODUCT. The sole liability of SOLAR COMPOUNDS CORPORATION for any claims arising out of the manufacture, use or sale of its products shall be to refund the buyer's purchase price, provided such products have been demonstrated in SOLAR COMPOUNDS CORPORATION'S sole opinion, to justify such refund.

HEALTH CAUTION:
Avoid breathing possible fumes, mists and vapors, which can cause severe respiratory damage. Use of NIOSH approved breathing apparatus is required for more than minimal exposure. Always work in areas with adequate ventilation to allow dissipation of polyamine and other chemical fumes, and where applicable, solvent fumes. Use of goggles, protective garments, rubber gloves, protective cream is required. If material gets into eyes, flush thoroughly with clear water for twenty (20) minutes; then seek medical treatment. Avoid skin contact. Material can cause contact dermatitis. Always wash exposed areas immediately, using warm water and soap, followed by rinsing with clean water. Observe all safety precautions. It is important when using solvent based materials or solvents to keep away from open flame or ignition source.

PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER FIRST AID INFORMATION.
FOR CHEMICAL EMERGENCY
CALL CHEMTREC (DAY OR NIGHT) 800-424-9300.