

Lighting Assembly



- **Lens To Reflector**
- **Halogen Lamp Coating**
- **Base Bonding**

Some of these materials, originally used in halogen head lamp, par lamp, and automotive lighting assemblies, have found their way into new applications.

| PRODUCT | DESCRIPTION | VISCOSITY (cP) | CURE SCHEDULE | OPERATING TEMP |
|---------|---|----------------|-------------------------|----------------|
| 200-56 | Heat resistant one component epoxy for lens bonding | Non-sag paste | 5 min @ 150°C | -40 to 200°C |
| 502-61 | Toughened and flexible (54 Shore D) one component epoxy for eyelet and lens bonding | Non-sag paste | 20 min @ 135°C | -65 to 160°C |
| 504-94 | High temperature one component silicone adhesive designed for low cost lens bonding | Non-sag paste | 15 min @ 200°C | -50 to 250°C |
| 703-15 | High temperature resistant black top bulb coating | 500 | Ramp from 90°C to 300°C | -65 to 450°C |
| 500-93 | High strength UV adhesive with low shrinkage | 12,000 | 10 sec with UV | -40 to 150°C |
| 703-60 | Flexible (45 Shore D) one component epoxy for eyelet and lens bonding | Non-sag paste | 15 min @ 150°C | -65 to 160°C |

 **Nagase Chemtex America**