

## Reltek SEALiT™ A-46 Clear Coat & Sealant

Category : Polymer , Adhesive , Thermoset

### Material Notes:

Key Properties: Optical clear coat for metals, glass and ceramic. Sealant for ceramic, electronic components (e.g. flex-PCB's exposed to moisture). Architectural coating. Applications: Handles continuous temperatures to 250°C (500°F). Excellent moisture seal and exterior environment protection. Maintains clear coat under UV exposure to sunlight. Seals micro-pores. Wets siliceous substrates easily, self leveling to 2 mil coating, pinhole free in one coat. Good coating for stainless steel, copper and aluminum architectural coating. Ambient cure 60 min or accelerated thermal cure.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Reltek-SEALiT-A-46-Clear-Coat-Sealant.php](http://www.lookpolymers.com/polymer_Reltek-SEALiT-A-46-Clear-Coat-Sealant.php)

| Physical Properties   | Metric             | English            | Comments   |
|-----------------------|--------------------|--------------------|------------|
| Specific Gravity      | 1.018 - 1.038 g/cc | 1.018 - 1.038 g/cc | ASTM D1298 |
| Viscosity Measurement | 4.5 - 8.5          | 4.5 - 8.5          | ASTM D445  |

| Optical Properties    | Metric        | English       | Comments                        |
|-----------------------|---------------|---------------|---------------------------------|
| Refractive Index      | 1.442 - 1.448 | 1.442 - 1.448 | ASTM D1218                      |
| Transmission, Visible | 90 %          | 90 %          | clear; thickness not quantified |

| Processing Properties | Metric               | English             | Comments |
|-----------------------|----------------------|---------------------|----------|
| Cure Time             | 60.0 min             | 1.00 hour           | Ambient  |
|                       | 5.00 min             | 0.0833 hour         |          |
|                       | @Temperature 150 °C  | @Temperature 302 °F |          |
|                       | 15.0 min             | 0.250 hour          |          |
|                       | @Temperature 75.0 °C | @Temperature 167 °F |          |

| Descriptive Properties | Value                  | Comments |
|------------------------|------------------------|----------|
| Color                  | Clear with stray color |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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