

MSK silicone adhesive sealant MR6131

### Product Description Technical Parameter

One-component Room Temperature Vulcanizing Silicone Sealant, which is translucent paste. Cures on exposure to atmospheric moisture to form silicone elastomer

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| **Reference Standards** | **Property** | **Unit** | **Value** |
| **General Properties at 25±2℃，50-60%RH** | | | |
| GB/T 14074 | Appearance | / | Translucent paste |
| GB/T 13354 | Density | g/cm3 | 1.05±0.05 |
| GB/T 1477.5 | Tack-free Time | min | ≤15 |
| GB/T 13477.4 | Extrusion Rate | g/15s | 30-60 |
| **Properties cured 7 days at 25±2℃，50-60%RH** | | | |
| GB/T 531.1 | Hardness(Shore A) | Shore A | 30±5 |
| GB/T 7124 | Shear Strength | MPa | ≥0.3 |
| GB/T 1695 | Dielectric Strength | kV/mm | ≥20 |
| GB/T 1693 | Dielectric Constant | / | ≥2.8 |
| GB/T 1692 | Volume Resistivity | Ω·cm | ≥1×1014 |

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**Product Features**

* Fast Tack-free.
* Excellent adhesion to many substrates
* No corrosion to substrates.
* Stable and flexible from -40℃ to+180℃.

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**Typical Applications**

* Adhesive and bonding
* LED Lamp Bonding and adhesion
* PCB component bonding
* Moisture-proof sealing

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**Notice**

The sealant can turn slight yellowing during storage, which will not affect product performance.

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**Operating Instructions**

**Attentions**

1. Keep away from children.
2. It is recommended to use it in a well-ventilated area to reduce odor.
3. If accidentally touch the skin or eyes, wipe them clean immediately, then rinse with water and seek medical advice.
4. For safety information, please refer to the Material Safety Data Sheet (MSDS).

**Surface Clean:** Please clean up the dust, rust, and oil on the surface of the bonding substrate.

**Applying:** Squeeze the sealant onto the cleaned surface. **Curing:** Place the applied part in the air, after skin formation, cure continues inward from the surface.

Under 25℃ and 55% relative humidity conditions to Cure for 24 hours, the sealant will cure to a depth of 2 to

4mm. When cure time is prolonged, the curing depth gradually increased.

**Storage:** The cap must be tightened and sealed for any unused sealant. Before using again, remove the

cured material at the nozzle mouth or around the cap, which does not affect normal use.

### Packaging specifications

100ml / piece, 100 pieces / Carton 300ml / piece, 24 pieces / Carton 2600ml / piece, 4 pieces / Carton

### Storage conditions

Store in a cool and dry place below 35 ℃. Shelf life: 6 months