

## Besil 9336 series heat-resistant sealant

The Solutions that Create Value!

For sealing and bonding

<p><b>Type</b> deacetone type, one-part, moisture-cure RTV silicones</p> <p><b>Physical Form</b> Cure fast and cure to flexible elastomers</p> <p><b>Special Properties</b> Room-temperature; resist humidity and other harsh environments; high temperature resistant, good dielectric properties; self-priming adhesion;</p> <p><b>Potential Uses</b> Electricity, LED lighting, solar equipment, filters, car, house-hold, semi-conductor kitchen appliance, power supplies microwave ovens, irons, high temperature oven, Mould</p>	<p><b>FEATURES</b></p> <p>Besil 9336 Series sealant are neutral silicone adhesive. This silicone rubber can withstand high temperature to 300 °C and maintain its good elasticity for short time. Compared with deoxime type and dealcohol type, the deacetone type release off very few low molecules and VOC in closed space when curing, even under high temperature.</p> <p>RTV 9336 silicone sealant has the following characteristics :</p> <ol style="list-style-type: none"> <li>elastic, scrubing resistant</li> <li>good adhesion to plastics,ceramics,glass,metal, without primers</li> <li>excellent heat resistance and temperature stability</li> <li>long term working time over 280 °C</li> <li>low volatility , non-corrosive to electrical components</li> <li>no solvents or other hazardous chemicals released</li> <li>passed certifications, such as FDA, LFGB, SVHC, ROHS</li> </ol>
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Besil 9336W/B is semi-flowable, dispensed by drums.  
 Besil 9336-5B is paste, dispensed by 300ml volume cartridge.

### TYPICAL PROPERTIES

■ TYPICAL UNCURED PROPERTIES	
	<b>9336-4</b>
Appearance	Black or White, Semi-fluid
Viscosity(cps),4#rotor, GB/T 10247-2008	520,000
Extruding rate, 0.2MPa,4mm, g/min, GB/T 23261-2009	460
Specific Gravity (g/cm <sup>3</sup> ) , GB/T 15223-1994	1.22±0.05
Tack-free Time(25°C,min), GB/T13477-2002	5-10
■ TYPICAL CURED PROPERTIES (7 DAYS @ 25°C/55%RH)	
Tensile strength (Mpa), GB/T 528-2009	2.3
Elongation(%), GB/T 528-2009	280
Hardness(shore A), GB/T 531-2008	38±5
Adhesive strength (Mpa), GB/T 7124-2008	>1.8
■ ELECTRICAL PROPERTIES (CURED)	
Dielectric strength (kv/mm), GB/T 1695-2005	20
Dielectric constant (@1MHz), GB/T 1693-2007	2.9
Dielectric loss (@1MHz), GB/T 1693-2007	0.09
Volume resistivity (Ω·cm), GB/T 1692-92	2×10 <sup>15</sup>
Work temperature, °C, JB/T7311-2008	-60--280

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### HOW TO USE

#### **If packaged as drums,such as Besil 9336-1.**

- 1st. Open the Barrelhead, take off the foam pad and film sheet, clean the surface upside,
- 2nd. Fix bucket to the pump, exhaust to avoid bubbles,
- 3rd. Run the robot according to a certain track,
- 4th. Place the finished product on a platform.
- 5th. After cured 6-8 hours at 25 °C and 55% RH, the product can enter the next assembly process.

#### **If packaged as cartridges,such as Besil 9336-5.**

- 1st. cut off the thread, screw on a plastic nozzle. The inside diameter of nozzle should be cut probably about 3mm.
- 2nd. Fix the tube to a gun, exhaust to avoid bubbles,
- 3rd. Fix glass to thr frame by silicone adhesive.
- 4th. Place the finished product on a platform.
- 5th. After cured 6-8 hours at 25 °C and 55% RH, the product can enter the next assembly process.

#### **Cure time facts**

6th. Depth,temperature and humidity:

Depth: After skin formation, cure continues inward from the surface. Very deep sections, especially when access to atmospheric moisture is restricted, will take longer to cure completely.

Temperature: Cure time is extended at lower temperature. Oven is advised if room temperature was lower than 10°C, recommended temperature 90-120 degrees Celsius, humidity range 40-70%.

Humidity: when high temperature phase or wet rain season, the glue dries faster. shortening the time when exchange glue.also cure time is extended at lower humidity levels.

### HANDLING PRECAUTIONS

- a) stored away from children.
- b) recommended to use in a well ventilated place.
- c) If you accidentally gets on the eyes, should immediately rinse with water for a long time, but keep your eyes open. If irritation persists, shall seek medical attention.

Product safety information required for safe use is not included. Before handling, read product and safety datasheets and container labels for safe use, physical and health hazard information. You can obtain a copy from your local sales representative or Distributor.

### SHELF LIFE AND STORAGE

- 1> store below 35 °C, keep cool and dry, shelf life is about 12 months in the original unopened containers
- 2> this products is non-dangerous goods, could be delivery according to general chemistry
- 3> if expired, should be tested before used.

### PACKING AND CODE

#### **If packaged as drums,such as Besil 9336-1.**

Besil 9336-4Black silicone sealant, package is 200kg/drum (55gallons) , purchase code: 0002070;

Besil 9336-4Whitish silicone sealant, package is 18kg/drum (5gallons) , purchase code: 0000310.



Casting Adhesive Sealant Elastomer  
Product Code: 0002070\0000310\0002080

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If packaged as cartridges, such as Besil 9336-5.

Besil 9336B-5 Black silicone sealant, package is 300ml/tube/cartridge, purchase code: 0002080.

### LIMITATIONS

Adhesion may be less successful on low-energy plastics such as Polyethylene, Polypropylene and PTFE or other unknown material.

Users should do preliminary tests in each specific application to ensure satisfactory results.