



FEATURES	: TOA Silicone Sealant (GP) is a one component acetic cure silicone elastomer, a room temperature vulcanizing with excellent adhesive strength, elasticity, UV resistant. Easy application and durable, suitable for general purpose sealing ie.sealing leakage, glazing windows and ceramic.
USES	: TOA Silicone Sealant (GP) is mainly used to : <ul style="list-style-type: none"> <li>- Sealing of glass blocks and some plastics.</li> <li>- Sealing around skylights and light fittings.</li> <li>- Construction of glass display cabinets</li> <li>- Seal Small leakage.</li> </ul>
ADVANTAGES	: TOA Silicone Sealant (GP) provides the following beneficial properties : <ul style="list-style-type: none"> <li>- High elasticity and room temperature cure.</li> <li>- Good adhesion to many substrates.</li> <li>- High durability, resistant to UV light.</li> <li>- Excellent workability, non-sagging.</li> <li>- Environmental temperature resistance range from -50 °C to +150°C.</li> <li>- One component, ready to use.</li> </ul>
<b>TECHNICAL INFORMATION</b>  Appearance Color Type Density @ 25°C Sagging Application Temperature Tack Free Time at 23°C (55% RH) : JIS A1439 Curing Rate at 23°C (55% RH) Elongation : ASTM D412 Tensile Strength : ASTM D412 Shore A hardness : ASTM C661 Service Temperatue Water Resistance Diluted Acid and base Resistance	: Paste-consistency : White, Grey, Black, Clear : Acetic : 0.99 ± 0.05 : Non-sag : -20°C to +50°C : < 15 min. : 10 mm/ 7 days : 200 - 300 % : 0.5 - 1.0 N / mm <sup>2</sup> . : 15 - 30 : -50°C to +150°C : Excellent : Excellent



## APPLICATION SYSTEM

### Surface Preparation:

- Substrate must be sound, free of loose or weak particles, dust and dirt. Oil and wax containing layers, as well as laitance must be completely removed.
- Clean the surfaces using cloth and a suitable solvent such as degreaser 1001, IPA, MEK or White Spirit.
- For porous surfaces, abrade the surface to remove loose contaminants. Nonporous surface should be wipe twice times.

### Application

- Cut off tip nozzle and cartridge to the desired width.
- Fit into caulking apply on surface in steady flow.
- For best results, Protect joint with masking tape before apply TOA Silicone sealant (GP). Then, remove masking tape before sealant has started to cure.
- Smooth and shape sealant with spatula dipped in mild detergent.

### Recommendation:

- TOA Silicone Sealant (GP) must be closed tightly after using.
- Do not swallow and avoid prolonged contact with eyes and skin, as this will cause irritation
- If contact with eyes, flush with plenty of water and consult physician.
- In case of skin contact, wash with soap and water
- Wash all tools immediately after use with water.
- Avoid unvulcanized silicone sealant to contact with food.

## USAGE RATE

### Coverage

: 280 ml. cartridge per 3 m.length 1 cm. width and 1 cm. depth.  
 : The coverage per cartridge can be estimated, using the follow formula:

$$L = \frac{V}{W \times D}$$

L = Length of sealant per cartridge (m.)

V = Volume of Silicone Sealant (mm.)

W = Joint width (mm.)

D = Joint depth (mm.)

### Limitations

- : TOA Silicone Sealant (GP) is not suitable for the following applications.
- The sealant required humidity to vulcanized, use of sealant in poor humidity area will not cure.
  - Structural Glazing.
  - Stone, concrete, cement, masonry products, limestone, marble, lead, zinc, copper and its alloy.
  - High traffic or high abrasion walkways.
  - Fire resistance application.
  - Under water application (including swimming pools).
  - This silicone is not paintable.

## HANDLING AND STORAGE

### Storage

- Keep all containers well closed.
- Keep in a dry cool place.

### Shelf life

: 12 months in original packing.

## PACKAGING

: 280 ml. per cartridge, 12 cartridge per box



## HEALTH AND SAFETY

: Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

## DISCLAIMER

: This information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However,as the product is often used under conditions beyond our control,we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.