

OCI BHD

(Formerly Known as Orgavyl Chemical Ind. Bhd.)

TECHNICAL DATA

OCI / ORGAFIX GLASS SEALANT

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PHYSICAL DATA :

Unvulcanized Rubber

Density at 25 °C	1.03 g/cm ³
Consistency	0.1"
Tack-Free Time	< 1 hour
Skin-forming time (at 27 °C/ 70% r.h)	12-13 mins
Cure Time (to 3/8" @ 27 °C and 50% r.h)	5-7 days

Vulcanized Rubber

Specific gravity at 25 °C	1.04 g/cm ³
Tensile strength (ASTM D412)	320 psi
Dynamic Joint Movement (continue extension & compression 1/8" per hour)	+/- 25%
Hardness Shore A (ASTMD2240)	23 - 28
Peel strength (ASTM C794)	20ppi
Application Temperature Range	-37°C to +60°C
Temperature resistance	-62°C to +204°C

CHARACTERISTICS :

- OCI / Orgafix Glass Sealant is a room temperature vulcanising,acetic acid curing silicone with outstanding adhesive strength ,weather ability and elasticity for general glazing and sealing application.
- It is ready to use, solvent-free, long shelf life, low shrinkage during vulcanization.

APPLICATION :

- OCI / Orgafix Glass Sealant is suitable for sealing, bonding, repairing and mending of glass and window construction, double glazing in window, aquarium, shower screens, sanitary, air-conditioning , ventilators, bedding of marine hardware,etc.
- OCI / Orgafix Glass Sealant exhibits an excellent adhesion to glass, tiles, ceramics, aluminum, fiberglass, non-oily woods, painted surfaces, plastic e.g. epoxies, polyester, polyacrylate and other non-porous surfaces.

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SURFACE PREPARATION :

- The silicone sealant should be applied at a thickness not to exceed 6mm (1/4 in) from an exposed edge. The recommended minimum joint dimension is 1/4" x 1/4" and the maximum joint dimension is 1" x 3/8"..
- Ensure all surfaces that will be in contact with the sealant must be clean, dry, free of dust ,dirt, rust, oil and other contaminants.
- Nonporous substrates should be clean with solvent and wipe dry immediately with cloth before the solvent evaporates from the surface. Porous surfaces should be roughen with a stiff-bristled brush, rubbed down or sandblasted.
- Remove the gap and punch a hole on the tube with the gap's sharp edge. Cut off tip nozzle and screw on nozzle to tube.
- Apply on surface in steady flow by hand pressing.
- If required, smooth and shape sealant with spatula dipped in mild detergent.
- To remove excess uncured sealant with a mineral turpentine soaked cloth. Fully cured excess sealant can be removed by trimming with a sharp knife.
- Content fully cures in 48 hours.

FOR BEST RESULTS :

- To obtain a smooth and neat finish, apply masking tape and remove before sealant cures.
- Paint surfaces completely before applying sealant.
- Before processing, observe the 'restriction on use' instructions in our product safety data sheets.

SAFETY PRECAUTION :

- Ensure good ventilation if used indoors.
- Contact of unvulcanised silicone sealant with eyes and mucous membranes must be avoided as this will cause irritation.
- Prolonged contact with eyes, flush with water and consult physician.
- Apply on surface in steady flow by hand pressing.
- If required, smooth and shape sealant with spatula dipped in mild detergent.
- To remove excess uncured sealant with a mineral turpentine soaked cloth. Fully cured excess sealant can be removed by trimming with a sharp knife.
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FOR BEST RESULTS :

- To obtain a smooth and neat finish, apply masking tape and remove before sealant cures.
- Paint surfaces completely before applying sealant.
- Before processing, observe the 'restriction on use' instructions in our product safety data sheets.

SAFETY PRECAUTION :

- Ensure good ventilation if used indoors.
- Contact of unvulcanised silicone sealant with eyes and mucous membranes must be avoided as this will cause irritation.
- Prolonged contact with eyes, flush with water and consult physician.