

## Shin-Etsu Silicone Primer

# PRIMER-AQ-1

PRIMER-AQ-1 may be used to increase adhesion to a variety of many common substrates for both glazing and weather sealing application.

It will also contribute to a more uniform and consistent bond and faster adhesion build up.

### 1 Applications

Glass, Metal, Plastic, Vitreous surface, Coated or painted aluminum

### 2 Packaging

250 g can

### 3 General properties

Parameter	Product name	PRIMER-AQ-1
Color		Clear pale yellow liquid
Viscosity		Low
Solvent		n-hexane
Drying time at 23°C/50%RH	min	>30
Coverage rate	g/m <sup>2</sup>	50

(Not specified values)

### 4 Instructions for use

PRIMER-AQ-1 is designed for improving adhesion to a variety of substrates. To achieve the optimum bonding results, the following steps are recommended:

1. Thoroughly clean the surface with a suitable solvent using the two cloth cleaning method to remove any dirt, oil or grease. Always allow time for the solvent to dry prior to the application of primer.
2. Decant the primer into a small container and apply within 10 minutes, replace the cap on the original container after use and keep it tightly sealed.

3. Apply PRIMER-AQ-1 using a clean lint free cloth, if using a brush ensure that only a thin film is applied. Do not over prime, a thin film of primer will provide the best results.
4. Inspect the substrate for signs of a white powder on the surface. If seen this indicates over priming which will negatively affect the adhesion of the sealant. Clean the substrate again with solvent and re-apply the primer.
5. At room temperature and 50%RH, the primer coat should be allowed to dry for 30 minutes.
6. Once primer has been allowed to properly dry, apply RTV silicone sealant as directed.

\* Make sure to conduct adhesion tests with actual substrates before using the sealant.

### 5 Storage conditions

PRIMER-AQ-1 should be kept tightly sealed when not in use and stored in temperatures below 27°C. 6 months after shipment date.

## 6 Handling precautions

- 1) Seal container tightly and store in a cool, dark place (25°C or below, out of direct sunlight) with good ventilation. Keep away from heat and flame.
- 2) When painting, coating, curing or drying, it is important to keep the product away from heat and flame and provide adequate ventilation.

## 7 Safety and hygiene

- 1) Organic solvents which contain in PRIMER have skin irritancy. When handling the products, take care to avoid contact with the skin and mucous membranes by using protective glasses and protective gloves. In case of skin contact, immediately wipe off by a dry cloth and then flush thoroughly with running water. In case of accidental eye contact, flush immediately with a large amount of clean water for at least 15 minutes and then seek medical attention. Contact lens wearers must take special care when using the products: if the products enters the eye, the contact lens may become stuck to the eye.
- 2) In the small place, wear a protective mask, and recommend to construct a local exhaust ventilation there. Move to an area with fresh air immediately if you cause dizziness or other unpleasant symptoms by breathing of vapors.
- 3) Keep out of reach of children.
- 4) Be sure to read the Safety Data Sheets (SDS) for these products before use. SDS are available from the Shin-Etsu Sales Department.

### CAUTION

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