

## INSTRUCTIONS FOR USE

# SILANE

## Union Agent

### 1. PRODUCT DESCRIPTION

Silane AF do BRASIL is a colorless liquid with a characteristic alcohol aroma. It is a product used by dentistry professionals as a "primer" for resin procedures, cementation, fiberglass post, among others.

### 2. PRESENTATION

In vials containing 1mL; 2 mL; 3mL; 4mL or 5mL.

### 3. COMPOSITION

Silane, Ethanol and Purified Water.

### 4. INDICATION OF USE

Indicated to promote the chemical union between organic materials, adhesives containing methacrylic monomers and inorganic materials, such as: Composite Resin, Ceromers, Ceramics and Fiberglass Post.

### 5. PRODUCT ACTION

SILANE AF do BRASIL contains bifunctional binding molecules, where each end reacts with different surfaces, that is, the organo-functional radicals polymerize with the organic matrix and the silico-functional radicals bind to the silica of the prostheses or pins.

### 6. CONSERVATION/STORAGE

- Keep the product in its packaging always closed.
- Protect from direct sunlight.
- Store the product at temperatures between 5°C and 28°C.

### 7. INSTRUCTIONS FOR USE

#### 1. CERAMIC REPAIRS WITH COMPOSITES:

- Prophylaxis of the surface to be prepared with AF do BRASIL pumice stone and water, then dry and isolate;
- Remove friable edges and roughen with diamond burs;
- Apply the porcelain conditioner to the surface for the time recommended by the manufacturer;
- Wash thoroughly and dry completely;
- Apply Silane AF do BRASIL with a brush, wait 1 minute and apply again;
- Wait another 1 minute and lightly air dry;
- Apply the selected adhesive and proceed with photoactivation according to the manufacturer's instructions;
- Repair with a composite adapting it to the margins avoiding overcontours.

#### 2. Ceramic repair:

- Prophylaxis of the surface to be prepared with Pumice Stone AF do Brasil and water, then dry and isolate;
- Remove friable edges and roughen with diamond burs;
- Apply the porcelain conditioner to the surface for the time recommended by the manufacturer;
- Wash thoroughly and dry completely;
- Apply Silane with a brush, wait 1 minute and apply again;

- Wait another 1 minute and lightly air dry;
  - Apply the selected adhesive and proceed with photoactivation according to the manufacturer's instructions;
  - Join the two parts with slight pressure and promote photoactivation according to the manufacturer's instructions;
  - If there is a lack of ceramics, rebuild the fractured area with composite.
- #### 3. Cementation of indirect restorations with resin cements:
- Prepare the dental surface according to the technique recommended for the cementing agent;
  - Condition the entire internal surface of the restoration with porcelain conditioner for the time recommended by the manufacturer. after washing and drying thoroughly;
  - With the help of a brush, apply Silane, wait 1 minute and apply again;
  - Air dry lightly;
  - Cement the fragment into the gap with resin cement according to the manufacturer's instructions.
- #### Cementation of fiberglass posts:
- Clean the AF do BRASIL fiberglass pin with alcohol, then dry it with air;
  - Dispense Silane over a disposable brush or applicator;
  - Apply a thin layer of Silane to the surface of the post AF do BRASIL and wait 1 minute and dry with light jets of air.
  - Light curing is not necessary;
  - Cement the post AF do BRASIL with resin cement according to the manufacturer's instructions.

### 8. CONTRAINDICATIONS

Contraindicated for people with reported sensitivity to any of the product's components.

### 9. WARNINGS

- Do not use after expiration date;
- Keep out of the reach of children;
- Flammable product;
- Exclusive use of the dentist.

### 10. SPECIAL CARES

Avoid contact with eyes, skin and oral tissues;

### 11. MANIPULATION

aseptic environment

### 12. INTERACTIONS

There is not.