

SECURE LUTE 1

INTRODUCTION

Secure Lute 1 is a reliable glass ionomer luting cement for long lasting cementation. It has very high resistance to wear & erosion, and secures variety of substrates to the tooth substance, providing maximum retention. It is radiopaque, highly biocompatible and releases rich amount of fluoride.

INDICATIONS

- Cementation of all types of metal, PFM and high strength (zirconia based) crowns, bridges, inlays and onlays.
- Cementation of orthodontic bands and appliances.

CLINICAL APPLICATION

1. Cleaning and Tooth Surface Preparation:

Thoroughly clean the tooth surface with pumice and water to remove biofilm. Rinse thoroughly with water; remove excess moisture. **DO NOT DESSICATE**. Prepared surfaces should appear moist. Use of rubber dam is recommended to isolate the prepared tooth.

2. Pulp Capping:

If a cavity is deep, protect with an appropriate pulp capping agent. (Do not use a eugenol containing liner).

3. Prosthesis preparation:

The prosthesis is to be prepared as per manufacturer's instructions.

4. Powder / Liquid Dispensing:

The recommended P/L ratio for Secure Lute 1 is 1 Scoop Powder: 1 Drop Liquid.

- i. Use clean dry, glass slab or paper pad.
- ii. Tap and invert the bottle to fluff the powder for accurate dispensing.
- iii. Measure one scoop of powder taking care not to compress powder against the side of bottle with the scoop. Remove excess powder from the scoop using the straight edge of the semi-circular insert. Dispense the powder onto glass slab/paper pad and tightly close the bottle cap immediately after use.
- iv. Dispense one bubble free drop of liquid near to the dispensed powder onto glass slab/paper pad. Remove any bubble with the help of a suitable instrument. Tightly close the bottle cap immediately after use.



5. Mixing:

Incorporate half of the powder into the liquid drop and mix rapidly for 15 sec followed by incorporating the remaining half for additional 15 sec. **DO NOT ADD POWDER IN SMALL INCREMENTS.** The recommended mixing, setting and working times are mentioned in the table below:

Mixing Time	Working Time (at 23+1 °C)	Setting Time (at 37+1 °C)
30 secs	1min 30 secs (minimum)	3 mins (maximum)

6. Cementation:

Coat the internal surface of prosthesis with sufficient cement and seat the restoration immediately. Maintain moderate pressure. Do not remove the cement in rubbery phase. Start removing excess cement when it starts to set. Avoid saliva contamination for 10 minutes after cementation.

PRECAUTIONS

1. Do not expose patients or users known to be allergic to this product or glass polyalkenoate cement.
2. Use medical (dental) gloves, face masks and protective glasses to avoid sensitization to powder, liquid and mixture of this product.
3. Avoid contact of liquid and powder with eyes. In case of eye contact rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
4. In case of contact with soft tissue or skin remove immediately with cotton soaked in alcohol and rinse with plenty of water. Seek medical attention if irritation or symptoms persist.
5. In case of ingestion, seek medical attention.
6. Do not mix powder or liquid with components of other GICs.
7. This material is not indicated for filling or core-build up.
8. Avoid any contamination of restoration with blood, saliva or sulcus fluid during application.
9. For more information read the safety data sheet (SDS).



STORAGE

Store in a cool dry place between 5-25°C.

Caution:

Always replace caps immediately after use.

The moisture ingress can adversely affect shelf life. The powder is protected by a desiccant capsule that turns from orange to green with moisture ingress.

ADDITIONAL NOTES

1. Do not add extra liquid when mixing as this will affect the properties of the material.
2. Clean the nozzle of the bottle with wet gauze to remove any hardened liquid plugging in the opening of the bottle.

EXPIRY DATE

- The expiry date is mentioned on the pack in DD/MM/YY format on the pack.
- Do not use the product after this date.

PACKAGING:

Powder Bottle 35g

Liquid Bottle 21 ml

Mixing Pad 30 leaves

Dispensing Scoop 1 N

SPECIALLY FORMULATED FOR USE IN DENTISTRY



Pidilite Industries Limited
Regent Chambers, Mumbai, Maharashtra 400021



