MICRON LUTING

TRANSLUCENT FINE PARTICLE GLASS IONOMER LUTING CEMENT

PREVESTDenPro®
THE FUTURE OF DENTISTRY

Product Description : Micron Luting is the Ideal radiopaque, self curing translucent, fine particle glass-ionomer luting material with excellent tooth adhesion and flowability, It is useful for a wide range of clinical applications. Micron luting is available in a universal light yellow shade in Powder and Liquid Kits.

Composition :

Powder : Fluoro Alumina Silicate Glass Powder.

Liquid : Polyacrylic Acid Liquid (Thin Viscosity)

Intende Purpose / Intended Use : It is intended to be used for cementation of indirect and direct restorations and attachment of orthodontic bonds.

Indications for Use:

1) Cementation of metal-based inlays, onlays crowns and bridges.
2) Cementation of high strength (Zirconia based) all ceramic crowns and bridges.
3) Cementation of stainless steel Crowns
4) Attachment of metal orthodontic bands.

Instructions for Use :

Powder/Liquid ratio (0.19/0.12), Mixing time (min. sec) : 45-60 seconds, setting time (min. sec) : 2min 30sec, (at 23±1°C from start of mixing) Final finishing commencing time (after seating the restoration) : 5 min.

A. Tooth Preparation :

1. Prepare tooth in usual manner. For pulp capping, use calcium hydroxide paste Calcigel.
2. Clean the prepared teeth with pumice and water.
3. Rinse thoroughly with water. Remove excess moisture by blotting with a cotton pellet or gently blowing with an oil free air.
DO NOT DESICCATE. Prepared surfaces should appear moist (glistering).

B. Restoration Preparation :

1) Make sure that the restoration is pretreated and handled according to the manufacturer's instructions.

C. Powder and Liquid Dispensing :

1) The standard powder to liquid ratio is 0.19/0.12 (1level scoop of powder to 2 drops of liquid.)
2) For accurate dispensing of powder lightly tap the bottle against the hand. Do not shake or invert.
3) Hold the liquid bottle vertically and squeeze gently.
4) Close bottle immediately after use.

D. Mixing : Dispense Powder and Liquid into the pad. Using the plastic spatula add all the powder to the liquid. Mix rapidly for 45-60 seconds.

NOTE : When mixing larger amounts, divide the powder into two equal parts. Mix the first portion with all of liquid for 15 seconds. Incorporate the remaining portion & mix the whole thoroughly for 45 seconds (Total 60 seconds).

E. Applications : IMMEDIATELY apply (within 1 minute after dispensing) to the surfaces to be coated using a micro applicators, DO NOT AIR BLOW.

NOTE : Should the coated surfaces be contaminated with water, blood or saliva, wash and dry the surface and repeat the coating procedure.

F. Cementation :

1) Coat the internal surface of the restoration with sufficient cement and seat immediately. The working time is 2 minutes from start of mixing at 23±1°C (73.40±1°F). Higher temperature shorten working time.
2) Maintain Moderate pressure.
3) Start removing excess cement when it feels rubbery.
4) Finishing can be started 4 minutes 30 seconds after seating the restoration.

Warnings : Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation, burns of hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue the use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

Precautions :

1) In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water. To avoid contact, a rubber dam and/or local butter can be used to isolate the operation field from the skin or oral tissue.
2) In case of contact with eyes flush immediately with water and seek medical attention.
3) DO NOT mix powder or liquid with component of other glass ionomer cements.
4) This product is not indicated for filling or core buildup.
5) The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

Contraindications :

1) Micron Luting should not be used if the patient is known to be allergic to any of the ingredient used.
2) Do not apply the material directly onto areas near the pulp or on to the exposed pulp as irritation may occur.

Storage Conditions : Store at temperature between 10°C(50°F) to 24°C(75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life : 3 years from the date of manufacturing

Ref. 30011

Presentation :

Powder 15g, Liquid 10ml, 1x Spoon, 1 x Mixing Pad

Disposal conditions : To be disposed off based on the prevailing rules of the country in which it is used.

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Issue/Revision :	01/03
Date :	24-02-2025

UDI Symbol for "UNIQUE DEVICE IDENTIFIER"

LOT Symbol for "BATCH CODE" Symbol for "USE-BY DATE" Symbol for "NON STERILE" Symbol for "KEEP DRY"

Symbol for "CAUTION" Symbol for "CONSULT INSTRUCTION FOR USE" REF Symbol for "CATALOGUE NUMBER"

EC REP SYMBOL FOR "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION" Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"

Symbol for "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER"

Symbol for "TEMPERATURE LIMIT" Symbol for "KEEP AWAY FROM SUNLIGHT" MD Symbol for "MEDICAL DEVICE"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding. For feedback, complaints and reporting of unexpected events contact customer care.