MICRON SILVER

PREVESTDenPro®
THE FUTURE OF DENTISTRY

Radiopaque Silver Alloy-Glass Ionomer Cement, Restorative

Product Description : Micron Silver is PRE MIXED radiopaque, silver alloy Glass Ionomer Cement for restoration of primary teeth, core build up, restoration of class I, limited class II cavities and as a base and liner material. Micron silver which is reinforced with spherical silver alloy has high compressive and adhesion to the tooth. It has excellent tooth adhesion, sustained fluoride release and high compressive strength.

Composition :

Powder : Fluoro Alumino Silicate Glass Powder and Silver Alloy Spherical Powder.

Liquid : Polyacyrlic Acid Solution.

Intended Purpose / Intended Use : It is intended to be used as a permanent restorative material for permanent and deciduous teeth.

Indications for Use:

1. Core build-up.
2. Restoration of primary teeth.
3. Cases where radiopacity is required.
4. As a base or liner.
5. Class I, limited Class II(low stress bearing areas), temporary fillings, etc.
6. Long term temporary replacement of cusps.
7. Intermediate restoratives and base material for class I and II cavities using the sandwich technique.
8. Class V restorations in non-aesthetic situations.
9. Restorative in the field using the ART technique.
10. Temporary endodontic fillings.

Instructions for Use : As the product is pre mixed silver alloy glass ionomer cement so no need to add alloy separately

1. POWDER AND LIQUID DISPENSING :

a) The recommended powder to liquid ratio is 2 level scoops of powder to 2 - 3 drops of liquid.
b) For accurate dispensing of powder, lightly tap the bottle against the hand. Do not shake or invert.
c) Hold the liquid bottle vertically and squeeze gently.
d) Close bottles immediately after use.
e) Shake the powder bottle occasionally.

2. MIXING : Dispense powder and liquid onto pad or glass slab .Divide the powder into 2 equal parts. Mix the first portion with all of liquid for 15 - 20 seconds. Incorporate the remaining portion and mix the whole thoroughly for 20 seconds.

Note : A heavy consistency is recommended.

3. RESTORATIVE TECHNIQUE :

a) Prepare tooth using standard techniques. Extensive mechanical retention is not necessary. For pulp capping, use Apacal Art / Cal LC as a base or liner.
b) Wash and dry the prepared tooth structure but DO NOT DESICCATE. MICRON DENTIN CONDITIONER is recommended to remove the smear layer.
c) Mix the required amount of cement. Working time is 1min. 30 seconds at 23°C (73.4°F). Higher temperatures will shorten working time.
d) Remove surface moisture but DO NOT DESICCATE.
e) Transfer cement to the preparation using a suitable placement instrument. Avoid air bubbles.
f) Form the contour.
g) Setting time is 5'00" to 5'30" from start of mixing.
h) The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

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 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. Use of protective gloves is recommended.
2. Direct contact with eugenol-based products is to be avoided as eugenol slows the setting of this products.

Contraindications :

1. Pulp Capping
2. In rare cases, the product may cause sensitivity to some persons. If such reactions are experienced, discontinue the use of product and refer to a physician.

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.

Presentation :

Ref : 30009
1 x 15g Powder, 1 x 10ml Liquid, 1 x Mixing Pad, 1 x Plastic Spoon.

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

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CE 0123

Revision :	07
Date :	10-02-2024

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.