



Etching Material (37% Phosphoric Acid)

Product Name:

 ETC-37 (9401)
 ETC-37 Liquid (9402)

Intended Use:

- Etching of the surfaces of teeth which are to receive bonded restorations.
- Etching of the prepared access cavity in endodontically treated teeth to receive bonded restorations.
- Etching of both enamel and dentinal surfaces of teeth prior to resin based restorations.
- Etching of the surfaces of teeth prior to bonding in orthodontic treatment of teeth.

Indications:

- Etching the surface of teeth (enamel and dentin) to receive resin based/bonded restorative treatment.
- Etching the surface of teeth for bonding of brackets in orthodontic treatment.

Composition:

 ETC-37 (9401) - Phosphoric acid, Water, Glycol, Colouring agent, Thickening agent.
 ETC-37 Liquid (9402) - Phosphoric acid, Water, Glycol, Colouring agent.

Product Description:

ETC - 37 & ETC-37 Liquid are specially formulated surface etching materials which can be used for preparing the tooth enamel and dentin to receive bonded restorations. Supplied in the form of a thixotropic gel/liquid it provides excellent control over the flow of the etchant. The device allows easy manipulation by the dentist and etch the surface to precise extent. It can also be used to etch the surfaces of enamel prior to restorations with resin based restorative materials.

Procedure & Product Handling:

- Isolate the tooth or teeth using a rubber dam.
- Prepare the tooth or cavity to desired extent to receive the restoration.
- Isolate the prepared cavity, clean and dry the tooth thoroughly with compressed air free of oil and water. Limit the extent of the cavity using matrix band and wedges if applicable.
- Remove the protective cap from the nozzle of the dispensing syringe/bottle and apply the etching material using the pre-bent applicator tip/brush to the surface of enamel or dentin to be prepared.
- Leave the etching material in place for a suitable period of time (30-60 seconds) in order to obtain the desired etched surface.
- Rinse the etched surface with water to ensure that the etching material has been completely washed.
- Dry the etched tooth surface using pressurised air to restore the tooth using bonded restorative material.

Caution/Warning:

- Device to be used by a qualified dentist or dental technician only.

- Do not inject material under pressure onto the tooth surface.
- Protect the surfaces of the adjacent teeth & mucosa by proper isolation to prevent accidental damage.
- Replace the cap of the dispensing syringe/bottle immediately after use to prevent contamination.

Precautions:

- Avoid contact of the device with skin and mucosa, avoid contact with eyes. Avoid inhalation of fumes. Do not take internally.
- Eye contact: if the product comes in contact with the eye, it may cause irritation. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
- Skin Contact: Avoid contact with skin and mucosa, it may cause skin sensitization. If contact with skin occurs immediately wipe off thoroughly with cotton and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention.

Contraindications:

- Do not use the product if the patient is allergic to any of the ingredients.
- Do not use the product on mucosa or skin.
- Not intended for use beyond the confinement of surfaces of teeth.
- Do not use on exposed pulp.

Interactions with Other Dental Materials:

No such Reactions Noted. Kindly communicate and inform the manufacturer in details of any instance.

Adverse Reactions:

No such Reactions Noted. Kindly communicate and inform the manufacturer in details of any instance.

Packaging:

ETC-37 (9401) - Multi dose plastic dispensing syringe, with pre-bent applicator tips/cannulas.
 ETC-37 Liquid (9402) - Multidose plastic bottle.

Storage Conditions:

Keep Away from Direct Sunlight. Keep locked up and out of the reach of children.
 Store at a temperature between 10°C to 30°C.
 Shelf life (2 years from the date of manufacturing) not affected after opening if stored in a cool dry place.

Disposal Conditions:

Dispose in accordance with local, state and federal environmental regulations.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel.

Manufactured by:
Shiva Products

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These instructions for use should be kept for the duration of product use.



Symbol for "BATCH CODE"



Symbol for "USE BY"



Symbol for "NON STERILE"



Symbol for "KEEP DRY"



Symbol for "CAUTION"



Symbol for "CONSULT INSTRUCTION FOR USE"



Symbol for "CATALOGUE NUMBER"



Symbol for "EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE"



Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"



Symbol for "KEEP OUT OF THE REACH OF CHILDREN"



Symbol for "MANUFACTURER NAME & ADDRESS"



Symbol for "TEMPERATURE LIMITATION"



Symbol for "KEEP AWAY FROM SUNLIGHT"

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.