



## Quadrant FiniSense

### Composition

- 1000 mg Quadrant FiniSense contain:
- 361 mg (2-hydroxyethyl)methacrylate
  - 51 mg glutaraldehyde
  - purified water

### Shelf life

36 months

### Applications

Quadrant FiniSense is used for the treatment of hypersensitive dentine. It achieves its effects by precipitation of plasma proteins, which reduces dentinal permeability and occludes the peripheral dentinal tubules. This inhibits the flow of fluid through the tubules which is the cause of sensitivity.

Quadrant FiniSense is used:

- to eliminate pain in exposed cervical areas not requiring restoration,
- to alleviate or prevent dentinal sensitivity after preparation of teeth, prior to receiving indirect restorations.

### Dosage and Administration

#### Treatment of hypersensitive dentine

The treatment of hypersensitive dentinal surfaces is only indicated in cases of severe pain in reactions to thermal, osmotic or tactile stimuli. In cases of mild pain, alternative treatments such as desensitising toothpastes should be used.

- Clean the dentine (e.g. with cleansing pumice), under local anaesthesia if necessary, and then rinse off with water [1].
- Protect gingival and mucous membranes by using a rubber dam. Make sure that Quadrant FiniSense only comes into contact with the area to be treated [2].
- Apply the **smallest possible amount** of Quadrant FiniSense required for treatment to the dentinal surface using a Q-Brush and then leave for 30-60 seconds [3].
- Dry the surface carefully by applying a stream of oil-free compressed air until the fluid film has disappeared and the surface is no longer shiny [4].  
Apply suction. Then rinse thoroughly with water [5].
- Deep cavities and/or areas near the pulp should be covered with a suitable cavity lining before the desensitise is applied.

If a single application of Quadrant FiniSense does not produce sufficient and sustained pain relief, the treatment can be repeated at the same or a subsequent appointment before alternative treatments are used. If the symptoms persist, a bonding procedure for composite restoratives can be performed with or without a layer of composite.

#### Treatment of dentine prepared to receive complete cast restorations

- Protect gingiva and mucous membranes by using a rubber dam.
- Remove moisture from the prepared dentine by applying a gentle stream of oil-free compressed air.
- Apply Quadrant FiniSense with a Q-Brush and leave for 30-60 sec. Make sure that only the **smallest possible amount** required is applied and that it only comes into contact with the area to be treated.
- Dry the dentinal surface carefully by applying a stream of oil-free compressed air, rinse off thoroughly with water and apply suction.
- Cover cavities and/or areas near the pulp with a suitable cavity liner before applying Quadrant FiniSense.

### Warnings and precautions

Quadrant FiniSense should only be used in dental practice.

Quadrant FiniSense should not be used after the expiry date (see warning on the label).

Do not store at temperatures of more than 25 °C.

Keep out of reach of children.

Quadrant FiniSense contains 36% (2-hydroxyethyl) methacrylate (HEMA) and 5% glutaraldehyde.

- **It is a local irritant and has toxic effects.**
- **Vapours from or contact with Quadrant FiniSense can cause irritation and burns to the eyes, respiratory organs, skin and mucous membranes.**
- **Appropriate precautions should always be taken before using Quadrant FiniSense**
- **Only dispense the smallest possible amount necessary for the treatment.**
- **Avoid contact with eyes, skin and mucous membranes**
- **In an emergency, rinse the affected area immediately, with copious amounts of water and apply suction. If symptoms persist consult your Doctor.**

### Contra-indications

Quadrant FiniSense must not be used:

- if the necessary precautions cannot be taken or the specified application technique cannot be used,
- if the patient is allergic to any of the ingredients contained in Quadrant FiniSense
- if the pain is due to pulpitis,
- if the pulp is exposed or the dentine adjacent to the pulp is perforated.

### Adverse effects

Irritation of the pulp may be observed in the presence of deep cavities without suitable pulp protection.

Those areas of cavities adjacent to the pulp should therefore be protected by a suitable cavity lining material.

### Interactions with other products

None known.

### Made in Germany

For dental use only.

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# CAVEX