

## Endo-Eze<sup>™</sup> MTAFlow<sup>™</sup> Repair Cement / Endo-Eze<sup>™</sup> MTAFlow<sup>™</sup> White Repair Cement (Root and Pulp Treatment Material)

**Description:**  
The Endo-Eze<sup>™</sup> MTAFlow<sup>™</sup> powder and liquid/gel system consists of an extremely fine, radiopaque, inorganic powder of tricalcium and dicalcium silicate, which sets with a water-based gel for improved placement.

### Indications for Use:

The Endo-Eze MTAFlow cement is intended for use in dental procedures that contact pulp and periradicular tissues.

Dental procedures contacting vital pulp tissue are:

1. Primary dentition vital pulpotomy

2. Pulp capping

Dental procedures possibly contacting the periradicular tissues are:

1. Root-end filling

2. Apacification

3. Perforation repair

4. Root resorption

### Contra-Indications:

1. Hypersensitivity to solutions caustiques (high pH) solutions, not for root canal desensitization.

2. Do not use for primary tooth pulpotomy (root canal filling treatment), unless the permanent successor tooth is absent.

### Direction for Use:

#### Pulp Desensitizing

1. Shake the bottle to fluff the powder.

2. Using the enclosed spoon, place 1 level spoonful of powder (see proportions recommended in Table 1) onto the mixing aid provided (a glass slab can be used).

3. Use a spatula edge to level the powder in the spoon.

#### Delivery System:

3. Shake the bottle 3 times. Make sure that all gel is concentrated in the spoonful.

4. Place the bottle on its side and gently tap the gel out onto the mixing aid.

5. After dispensing, fill the rest of canal extension with your preferred ultrasound technique.

6. For some procedures, a thin consistency may be desired. Table 1 below may be used as a reference to achieve various consistencies of the Endo-Eze MTAFlow material for placement.

Table 1. Suggested approximated proportions of powder and gel to be used with different consistencies to be achieved

#### Pulp Capping, Pulp Chamber Perforation and Primary Dentition Vital Pulpotomy

Applications

Respiration, Apacification, Apical Plug

Root End Filling

#### Powder (measuring spoon)

2 big ends (0.26g)

1 big end + plus 1 small end (0.19g)

1 big end + plus 1 small end (0.19g)

#### Gel drops

3 drops

3 drops

1 drop\*\*

#### Consistency

Thick

Thin

Putty

#### Delivery tip

Micro Tip (20ga)

NavTip<sup>™</sup> Tip (29ga)

No-syringe delivery

\*NavTip<sup>™</sup> tip not included in the kit

\*\* Starting with 1 drop of gel, add more until the desired consistency is obtained

**NOTE:** Endo-Eze MTAFlow is not recommended after the mix to achieve the desired consistency.

5. Using a metal spatula, gradually mix the gel into powder until the desired consistency is obtained.

Thoroughly mix with the spatula to ensure all the powder particles are hydrated.

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