

EDGE MTA

Mineral Trioxide Aggregate



Instruction for Use – EDGE MTA

EDGE MTA is a water-based, silicate-based cement that sets rapidly and complies with ISO 9917:2017. It is highly biocompatible, meeting the requirements of ISO 10993:2018.

INDICATIONS

EDGE MTA repair material is indicated for:

- retrograde filling of root canals after apicectomy
- root-end filling
- repair of root perforation
- repair of root resorption
- inducing apexification
- pulp capping after exposure or direct pulp covering after tooth pulpotomy

INSTRUCTIONS FOR USE

EDGE MTA is to be mixed at room temperature between 15°C and 30°C humidity (10±50) %.

1. Dispense a required dose of EDGE MTA onto a mixing pad.
2. Dispense two drops (approx. 0.20g for 1g EDGE MTA) of distilled water onto the pad, next to the powder.
3. Mix liquid with the powder, using a spatula.
4. Mix less than 30 seconds, to achieve a smooth paste.
5. Dispose of any remaining excess liquid.

The smooth paste should be used within 1:30 minute. Hardening will occur in 4 minutes. When placed in the root canal, the material will completely harden in 10 minutes.

If necessary, a small amount (no more than 1 drop) of distilled water can be added to improve the flow of the mixture.

NOTE: Adding too much liquid will result in a negative effect on the material properties.

COMPOSITION

EDGE MTA contains nano calcium silicate and nano zirconium oxide as radiopacifier.

LIMITATIONS IN USAGE, INTERACTIONS

Do not use EDGE MTA in patients with a known allergy to any of the ingredients. In case of any symptoms, stop using EDGE MTA and consult a medical professional and/or a specialist giving information about the product.

ADDITIONAL INFORMATION

The ratio of oxides in a powder determines its time of hardening. During the hardening calcium silicate, is hydrated by the distilled water, forming calcium hydroxide, ensuring high alkalinity (pH~11). The alkaline cement has anti-bacterial properties, stimulates the formation of secondary dentin and stops dehydration of the hard tissues. EDGE MTA is formulated for use in the oral environment with a temperature range of between 15°C and 30°C and humidity of (50)%. The product exhibits high biocompatibility, slight solubility and high mechanical resistance.















STORAGE

Store at a temperature between 5°C and 25°C. Keep dry.

CONTRAINDICATIONS AND WARNINGS

Avoid contact of the powder with the air. Keep out of reach of children.

Glossary symbols

	Manufacturer's LOGO
 20474733	Iran Foon and Drug Administration
	Batch code
	Catalogue number
	Date of manufacture
	Use-by date
	Non-sterile
	Keep dry
	This device to sale by or on the order of a dental professional, Medical prescription
	Medical Device
	Keep away from sunlight
	Caution
	Consult instructions for use
	Manufacturer



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