THE FUTURE IS HERE ...
CREATE HYDROXYAPATITE

YOUR REAL SOLUTION FOR SENSITIVE TEETH
ONLY WITH TEETHMATE™ DESENSITIZER

TEETHMATE™ DESENSITIZER
CREATING HYDROXYAPATITE
That’s how you treat sensitivity.

Imagine treating sensitive teeth effectively. And for the first time naturally.

With TEETHMATE™ DESENSITIZER a revolutionary new natural material has been born, which does just that. This natural TEETHMATE™ DESENSITIZER creates a brand-new mineral, hydroxyapatite (HAp). It is created exactly where you need it, closing dentinal tubules and enamel cracks. And beneficial, it is also tissue-friendly. So, from now on, you can treat sensitivity with confidence.

* The fundamental HAp technology was developed by the ADAF (American Dental Association Foundation) - Paffenbarger Research Center. The basic manufacturing method was developed by Dr. Laurence C. Chow and Dr. Shozo Takagi in the research center and Dr. Akiyoshi Sugawara who practices as a dentist in Tokyo. Kuraray Noritake Dental modified the powder, manufacturing method, additives etc. to optimize the technology for desensitizer usage. Please refer to the literature below when you wish to find out more about this fundamental technology.


TREATING DENTIN, ENAMEL AND EVEN PREPARED TEETH
Smart. Invisible. Durable.

Are you looking for a real solution for sensitivity? TEETHMATE™ DESENSITIZER provides just that. Use it to close exposed or prepared dentin. Directly treat your patients’ teeth before and after bleaching. Or use TEETHMATE™ DESENSITIZER in combination with your favorite adhesive or cement. Thanks to the creation of HAp, your sensitivity treatment is now smart, invisible and durable.

THE HUMAN BODY’S STRONGEST MINERAL
The power of natural elements.

TEETHMATE™ DESENSITIZER actually crystallizes HAp from the ground up, easily sealing dentinal tubules and enamel cracks. The newly created HAp acts as if it were the patient’s own. But how is it possible to build HAp? It’s all about the right calcium and phosphate ion ratio used in the right gift combined with Kuraray Noritake Dental’s special technology.

CRYSTALLIZATION

1. TTCP; tetracalcium phosphate, DCPA; dicalcium phosphate anhydrous

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YOUR PATIENTS WILL LOVE IT
Simply apply with ease.

The only thing you need to do is to apply it to one or more teeth. And what about protecting the gingiva? Our HAp is tissue friendly, so you don’t have to worry about that. All you have to do is mix the powder and liquid, rub it onto the tooth and rinse it with water. Your patients will love the neutral taste and the invisible result. And most of all - your patients will enjoy their teeth again.

CLINICAL SPARKS - DR. TIM KOWALKE’S CASE

For Peter Williams** wine tasting is not only about discovering new wines but also a good opportunity to regularly meet up with his wine friends. But for a year now, he has been a little reluctant to go to the wine tasting sessions. He really enjoys the wine tasting itself but suffers from intense tooth pain afterwards. After a thorough diagnosis, his dentist Dr. Tim Kowalke decides to treat Peter with TEETHMATE™ DESENSITIZER.

Dr. Tim Kowalke first cleans Peter’s teeth. Before mixing, his assistant briefly shakes the powder loosely to get the right quantity, and holds the bottle vertically to get the ideal drop. Then his assistant mixes the powder and liquid for 15 seconds. Dr. Tim Kowalke rubs the mixture on the sensitive areas for 30 seconds followed by rinsing with a mild water flow. And Peter can now really enjoy the wine tasting again.

* The image pictures shown on page 4 and 5 are not related to “clinical sparks” story. Dr. Tim Kowalke is a German dentist in Frankfurt.

** Peter Williams is not the real name of the patient.
Dr. Thanatvarakorn* et al. showed the potential of TEETHMATE™ DESENSitizer in a study. They concluded: "...Therefore, the calcium-phosphate-containing material is expected to be a new generation desensitizer promoting growth of the crystals, leading to long term remission in the oral environment."

Dr. Endo** et al. concluded the following about TEETHMATE™ DESENSitizer in their study: "...The results suggested that the application of TEETHMATE™ DESENSitizer within the tubules was effective in inhibiting dentin demineralization. The obliteration of dentinal tubules by repeated application of TEETHMATE™ DESENSitizer prevents demineralization and the occluded dentinal tubules reduce dentinal fluid movement with consequent clinical improvement of dentin hypersensitivity."


EFFECTIVENESS EVALUATION

Kuraray Noritake Dental received great feedback in a questionnaire amongst 285 Japanese dentists. Almost all dentists are satisfied with the effectiveness of TEETHMATE™ DESENSitizer.

Components
- Tetracalcium phosphate (TTCP), dicalcium phosphate anhydrous (DCPA), water, others

Reaction pH
Around 10

Amount of treatments per package
130 treatments

Max leaving time after mixing
10 minutes

Patients should avoid drinking and eating for 45 minutes after treatment

Bond strength with adhesives
Non-significant decrease or increase

Bond strength with cements
Non-significant decrease or increase

ORDER INFO

TEETHMATE™ DESENSitizer – SET
Powder (6 g), liquid (4.8 ml), 1 mixing dish, 1 measuring spoon, 50 applicator brushes #1210-EU

TEETHMATE™ DESENSitizer – INTRODUCTORY SET
Powder (1.2 g), liquid (1.0 ml), 1 mixing dish, 1 measuring spoon, 50 applicator brushes #1215-EU

TEETHMATE™ DESENSitizer – POWDER
Powder (6 g) #1216-EU

TEETHMATE™ DESENSitizer – LIQUID
Liquid (4.8 ml) #1217-EU

TEETHMATE™ DESENSitizer – MEASURING SPOON
1 measuring spoon #1220-EU

TEETHMATE™ DESENSitizer – APPLICATOR BRUSH
50 applicator brushes #1221-EU
YOUR CONTACT

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