



# Dental Materials



[www.molardm.com](http://www.molardm.com)



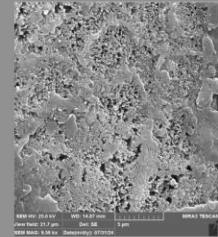
# Molar-Etch

## 37% Phosphoric Acid Etchant Gel

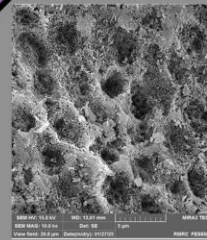


Dental Materials

- . Easy & efficient application via standard 25G needle tips
- . Easy to wash due to the ideal viscosity and color concentration
- . Excellent wetting capability
- . High etching power



Before



After

# Molar Etch



### Molar-Etch Kit (TKD-03001)

- . 3 Syringes, 11 grams
- . 3 Blue needle tips (25G)
- . Instructions for use



### Molar-Etch Jumbo (TKD-03002)

- . 1 Syringe, 63 grams
- . 15 Blue needle tips (25G)
- . 3 Empty syringes (3 ml)
- . 3 Luer lock caps
- . 2 Syringes connectors
- . Instructions for use

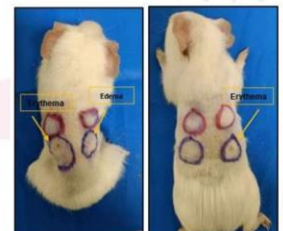


Title: Skin Sensitization Test of Finished Products Report Form

Customer Code: M0983031114085/01  
Form Code: F03-F36

#### Conclusion

The sensitization response category in a Guinea pig of the examined product for 72±2 h mean score is **No visible change**. The results provide evidence to support that the product Also, after intradermal injection and 24±2h before phase II patch application the sample according to the picture below.



### Skin Sensitization Test

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# Silock

- . Unrivalled & unique formula
- . Remains intact for more than 2 weeks
- . Excellent consistency for easy application
- . Simple removal without crushing and residue
- . Pleasant smell without a bitter aftertaste
- . Fast setting with good compressive strength
- . With fluoride for remineralization



Silock (TKD-04002)  
. 1 Jar, 40 g paste  
. Instructions for use

Chewability  
after:  
**70 minutes**

Compressive strength  
after 24 hours:  
**6.24 Mp**

Tests were conducted by  
Shahid Behaeshi  
University of  
Medical Science  
at 37 °C.

**Conclusion**  
The sensitization response category in a Guinea pig of the examined product for 72&224; hours was 0, So the mean score is **No visible change**. The results provide evidence to support that the product is **Non-Sensitizing**.

021 91 30 9890 0992 60 62 450  
nikopharmed@gmail.com Nikopharmed.com Page 3 of 4

**Niko Pharma**  
ازدیت و فارم  
نیگ و فارمد

Title: Skin Sensitization Test of Finished Products Report Form  
Customer Code: 3205230423000501  
Form Code: 703-2756

**References:**  
1. ISO 10993-10: 2010, Biological evaluation of medical devices, Part 10: Tests for irritation and skin sensitization.  
2. ISO 10993-12: 2021, Biological evaluation of medical devices, Part 12: Sample preparation and reference materials.  
3. ISO 10993-2: 2022, Biological evaluation of medical devices, Part 2: Animal welfare requirements.

## Skin Sensitization Test

Title: The for in vivo Irritation Test of Finished Products Report Form


**Niko Pharma**  
ازدیت و فارم  
نیگ و فارمد

Customer Code: 3205230423000401  
Form Code: 710-2756

**Conclusion:**  
The irritation response category was 0 Therefore, the mean score is **Negligible**.  
The results provide evidence to support that the examined product is **Non-Irritant**.

**PHOTOGRAPH**

Photograph of the sample  


Photograph of the animal  


**References:**  
1. ISO 10993-10: 2010, Biological evaluation of medical devices, Part 10: Tests for irritation and skin sensitization.  
2. ISO 10993-12: 2021, Biological evaluation of medical devices, Part 12: Sample preparation and reference materials.  
3. ISO 10993-2: 2022, Biological evaluation of medical devices, Part 2: Animal welfare requirements.

## In vivo Irritation Test

# REZINK

## Resin Reinforced Zinc Oxide Eugenol Temporary Cement

Intermediate restorative material for  
temporary and select permanent restorations

Superior retention and durability during interim treatment  
phases by Incorporated PMMA resin which enhances:

- Cement's compressive strength
- Adhesion to tooth structure

- Fast set
- Sedative like qualities on hypersensitive tooth pulp



### REZINK (TKD-04003)

- 1 Jar of REZINK Powder (30 g)
- 1 Bottle of REZINK Liquid (10 g)
- 1 Measuring scoop
- 1 Dropper
- Instructions for use

Working time:  
**2 minutes**

Setting time:  
**8 minutes**

Compressive strength after  
24 hours:  
**12 Mp**

Tests were conducted by  
Shahid Behaeshti  
University of  
Medical Science  
at 37 °C.



Dental Materials

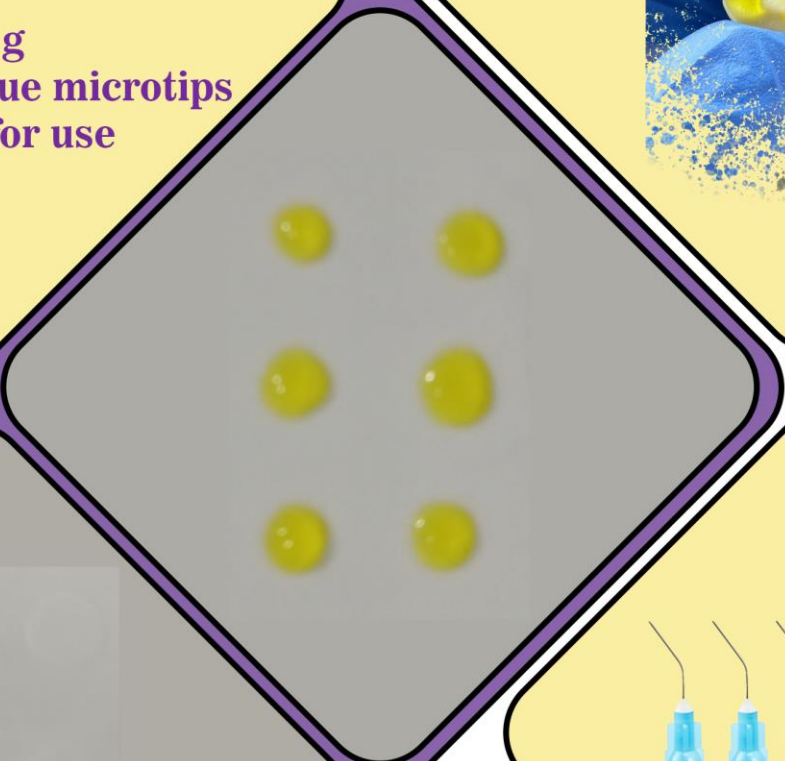


- 9.5% Buffered Hydrofluoric Acid Porcelain Etchant Gel**
- . Ideal viscosity for precise application
  - . Buffered for controlled etching power
  - . No color residue after washing with water
  - . Excellent etching performance compared to the best in the market

# EtchF Gel

TKD-04003

- . 1 Syringe, 6.3 g
- . 3 Standard blue microtips
- . Instructions for use



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