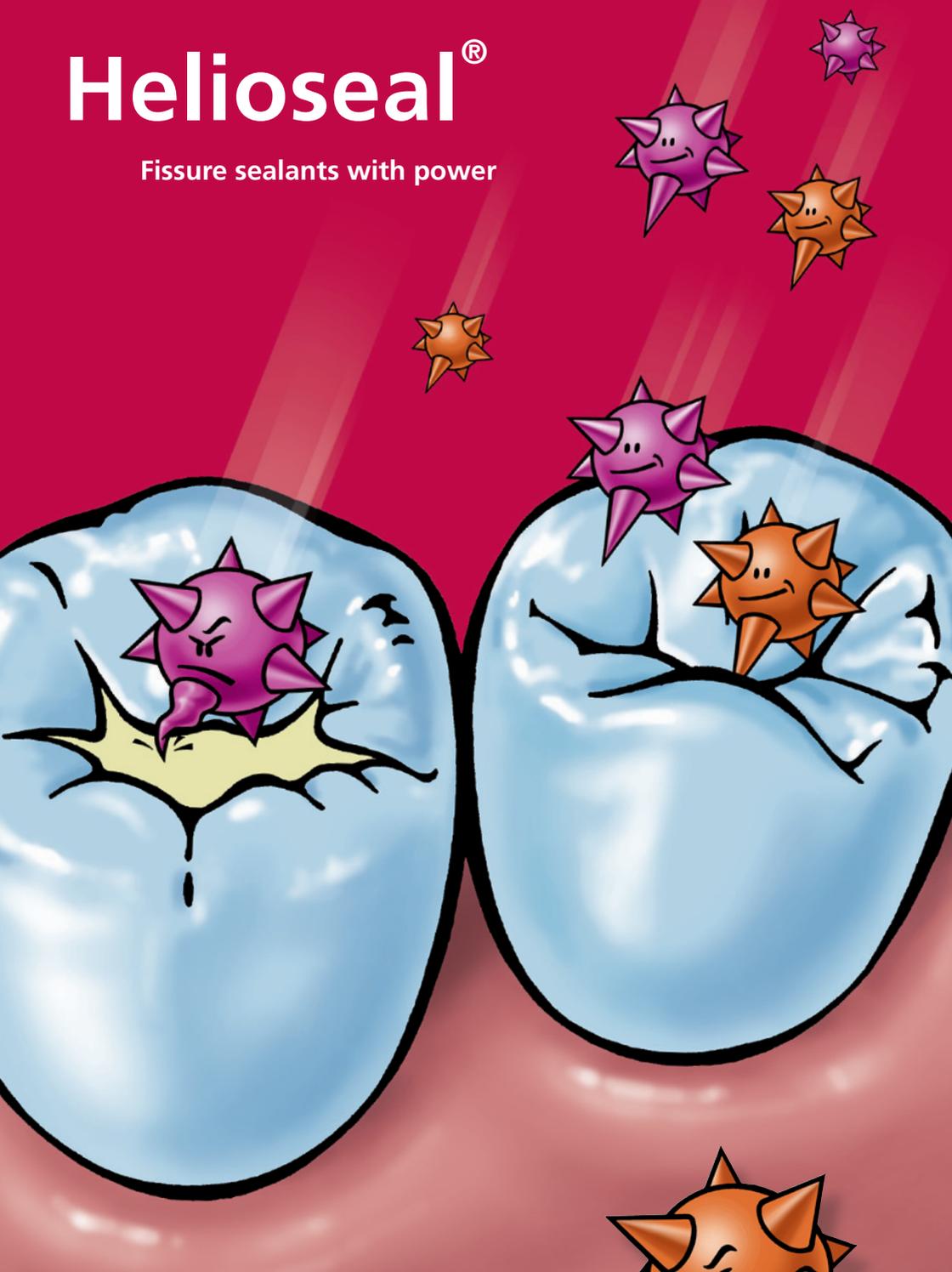


Helioseal[®]

Fissure sealants with power



Helioseal sealants don't give the opponent a chance



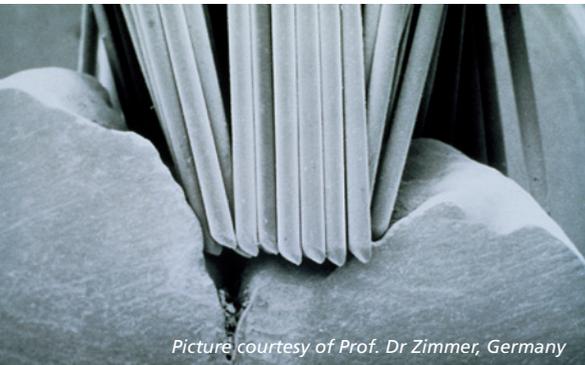
Helioseal®

Protects pits and fissures

An attack is looming

Pits and fissures are highly susceptible to dental caries. Due to their complex structure, they are often difficult to keep clean with everyday oral hygiene measures.

The bristles of the toothbrush do not reach the bottom of the fissure.



Picture courtesy of Prof. Dr Zimmer, Germany



Tight seal of the fissure with Helioseal

No chance for toothbrushes

The intricate profile of the fissures prevents the bristles of the toothbrush from cleaning the bottom. As a result, harmful bacteria are given the opportunity to colonize these sites. Carbohydrates continue to reach the bacteria unhindered and promote their growth, which leads to the formation of caries.

Sealing offers an effective defence

Sealing with Helioseal® protects these highly susceptible surfaces. Helioseal covers pits and fissures with an impenetrable coating. The sealant closes up the retention niches where bacteria live and cuts off the carbohydrate supply that sustains them.

What is more, the smooth surfaces produced with the sealant are easy to keep clean.



Helioseal®

Three fissure sealants for
greatest clinical demands



The choice is yours

You can choose between three different
light-curing resin-based Helioseal
sealants to fulfil your sealing needs:



Helioseal
The original sealant in a bottle



Helioseal F
A fluoride releasing sealant supplied in
innovative syringes and in cavifils



Helioseal Clear
A clear version of the sealant supplied in
innovative syringes

Helioseal

Pigmented

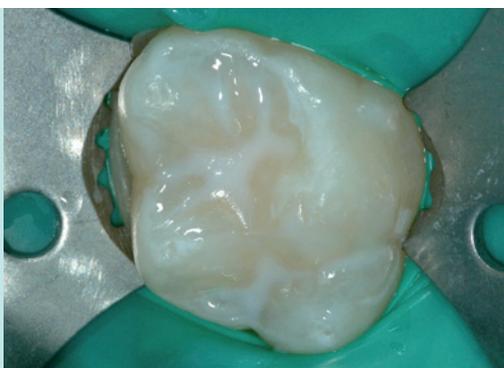
Without fluoride

Without fillers, low viscosity

Easy to check retention

Bottle

Fissure sealing with Helioseal F



Helioseal[®]

Helioseal F applied from the ergonomically designed syringe



Satisfying many different needs

The Helioseal sealants differ from one another in terms of their delivery form and their viscosity, colour and fluoride content. However, they all show the same high clinical performance.

Precision application

Helioseal F and Helioseal Clear are supplied in a new ergonomically designed syringe. As the syringe fits snugly in the hand, it enables the operator to work comfortably. Therefore, the contents of the syringe are dispensed more accurately and applied with more precision than in the past. Moreover, the slender tips allow the sealant to be applied quickly and selectively.

Helioseal F

Pigmented

With fluoride

40% filler content, higher viscosity

Easy to check retention

Ergonomic syringe or Cavifil

Helioseal Clear

Clear, transparent

Without fluoride

Without fillers, low viscosity

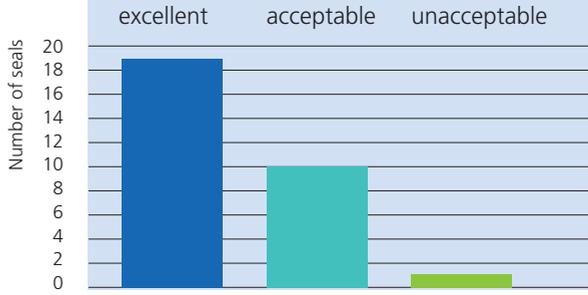
Changes under the sealant are easily detected

Ergonomic syringe

Sealing teeth in the upper jaw is greatly simplified with the new applicator in combination with the flow properties of the material: Gravity is hardly an issue in the application of Helioseal F.



Marginal integrity of 30 fissures sealed with Helioseal F after 12 months in situ (Koch et al. 1997)



Long-term clinical success

The performance of Helioseal sealants is backed by many years of clinical experience. Their effectiveness in protecting deciduous and permanent teeth against caries is clearly documented. At-risk fissures are easy to seal due to the excellent flow and wetting properties of the sealants. A tight bond to the enamel is created, which ensures long-term retention and tight sealing of pits and fissures. In addition, the sealants are wear resistant.

Features	Benefits
Three different Helioseal sealants	A solution for individual needs
Long-term clinical experience	Reliability
Ergonomical to use	Precision application
Excellent flow and wetting properties	Even distribution on intricate surfaces
Tight bond to dental enamel	Long-lasting retention
Tight marginal seal	Resistance against cariogenic bacteria
Resistance against cariogenic bacteria	Effective protection against caries



A part of the i-Kids Program

The Helioseal sealants are components of the Ivoclar Vivadent i-Kids Program, which offers professional solutions for customized oral health management for children and adolescents. The i-Kids Program comprises all the products needed for sealing teeth effectively with the Helioseal products:



Helioseal®

Fissure sealants for customized oral health management

The Helioseal sealants significantly contribute to keeping teeth healthy in the long term.

Delivery forms Helioseal

Assortment

1 bottle Helioseal, 8 g
1 Email Preparator, 6 g
Accessories



Refill

1 bottle Helioseal, 8 g
Accessories

Delivery forms Helioseal F

Assortment

5 syringes Helioseal F, 1.25 g each
1 Email Preparator, 6 g

Refill

1 syringe Helioseal F, 1.25 g
Accessories

Cavifil

50 Cavifils Helioseal F, 0.1 g each

Cavifil Injector

1 Cavifil Injector



Delivery forms Helioseal Clear

Assortment

5 syringes Helioseal Clear, 1.25 g each
1 Email Preparator, 6 g

Refill

1 syringe Helioseal Clear, 1.25 g
Accessories



Fast examination

Customized treatment

Professional Care products are designed to evaluate the individual treatment needs of patients and to take effective combined measures.

CRT® bacteria

Test for establishing the mutans streptococci and lactobacilli counts in saliva and in plaque

CRT® buffer

Test for determining the buffering capacity of saliva

Plaque Test

Fluorescent disclosing liquid for revealing plaque

Cervitec®

Protective varnish, oral health care gel and mouth rinse containing chlorhexidine and more

Fluor Protector

- Protective varnish containing fluoride
- Intensive care gel containing calcium, phosphate and fluoride

Proxyt®

Prophy pastes

VivaSens®

Desensitizer for hypersensitive teeth

OptraGate®

Gentle lip and cheek retractor

Literature

Ahouv-Saloranta A, Hiiri A, Nordbald A, Makela M, Worthington HV. Pit and fissure sealants for preventing dental decay in the permanent teeth of children and adolescents. Cochrane Database Syst Rev 2008: CD001830

Carlsson A, Petersson M, Twetman S. 2-year clinical performance of a fluoride-containing fissure sealant in young school-children at caries risk. Am J Dent 1997; 10: 115-119

Ganss C, Klimek J, Gleim A: One year clinical evaluation of the retention and quality of two fluoride releasing sealants. Cincial Oral Invest 1999; 3: 188-193

Koch MH, Garcia-Godoy F, Mayer T, Staehle HJ: Clinical evaluation of Helioseal fissure sealant. Clin Oral Invest 1997; 1: 199-202

Toledano M, Osorio R, Pons C, Garcia-Godoy F: Retention of fluoride releasing resins as pits and fissure sealants. 30-months clinical trial. J Dent Res 2000; 79: 417

Vrbic V. Retention of a fluoride-containing sealant on primary and permanent teeth 3 years after placement. Quintessence Int 1999; 30: 825-828

These materials have been developed for a specific use in dentistry. Processing should be carried out according to the Instructions for Use. Descriptions and data constitute no warranty of attributes are not binding. Printed in Liechtenstein
© Ivoclar Vivadent AG, Schaan
558672/0411/e/BVD

Ivoclar Vivadent AG
Bendererstrasse 2
9494 Schaan
Principality of Liechtenstein
Tel. +423 / 235 35 35
Fax +423 / 235 33 60
www.ivoclarvivadent.com

ivoclar
vivadent®
passion vision innovation