conseal f

FLUORIDE RELEASING PIT AND FISSURE SEALANT

FLUORIDE FREISETZENDER FISSURENVERSIEGLER
COMPOSITE POUR SCELLEMENT DES PUI TS ET FISSURES
SIGILLANTE PER SOLCHI E FESSURE CON RILASCIO DI FLUORO
SELLANTE DE PUNTOS Y FISURAS QUE LIBERA FLUOR
SELANTE DE FÓSSULAS E FISSURAS COM LIBERAÇÃO DE FLÚOR
UWALNIAJĄCY FLUOR LAK DO USZCZELNIANIA BRUZD I SZCZelin
PIT EN FISSUUR SEALANT MET FLUORIDE AFGIFTE
FLUORAFGIVENDE FISSURFORSEGLER
FLUORIA VAPAUTTAVA FISSUURAPINNOITE
FLUORAVGIVENDE FISSURFORSEGLER
ΑΠΟΦΡΑΚΤΙΚΟ ΟΠΩΝ ΚΑΙ ΣΧΙΣΜΩΝ ΤΟ ΟΠΟΙΟ
ΑΠΕΛΕΥΘΕΡΩΝΕΙ ΦΘΟΡΙΟ
FLUORID UVOLŇUJÍCÍ PEČETIDLO RÝH A FISUR
FLUORID UVOLŇUJÚCE PEČATIDLO NA PRASKLINY A PUKNÝN
FLUORID LEADÓ BARÁZDAZÁRÓ
FLUORIDE SPROŠČUJOČ MATERIJAL ZA ZALIVANJE
FLUORĄ ATPALAIĐUOJANTIS DANTŲ VAGELIŲ UŽPILDAŠ – SILANTAS
FLUORU IZDALOŠS FISŪRU SĪLANTS
FLUORIDI EERALDAV FISSUURI KATTEMATERJAL

光重合型フッ素除放性 ピット&フィッシャーシーラント
可释氟沟隙封闭剂
Conseal f combines the proven SDI sealant technology with an intensive initial fluoride boost in conjunction with long term fluoride treatment. The unique Conseal f filler component, with its blend of particles and high surface-to-area volume ratios, enables high fluoride release. Fluoride enhances caries prevention, remineralization, and the inhibition of enamel demineralization.

**Releases fluoride**

Conseal f is the lowest viscosity sealant. The ideal low viscosity allows Conseal f to flow faster and deeper into the prepared pits and fissures. A recognized cause of pit and fissure sealant failure is an inability to seal. The tighter seal optimizes Conseal f’s mechanical retention and eliminates the space required for bacteria to grow. Conseal f’s tight seal is further enhanced by its unique UDMA resin system’s lower shrinkage and by being BIS-GMA free, avoiding the controversy of Bisphenol A.

**Cumulative fluoride release**

<table>
<thead>
<tr>
<th>Material</th>
<th>Cumulative Fluoride Release (ng/cm² @180 days)**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conseal f</td>
<td>![Fluoride Release Graph]</td>
</tr>
<tr>
<td>Helioseal F*</td>
<td>![Fluoride Release Graph]</td>
</tr>
<tr>
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**Lowest viscosity**

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**Viscosity comparison**

Conseal f is noted for its lowest viscosity, allowing for deeper penetration into the prepared pits and fissures.
**Low viscosity Super Etch LV**
SDI has created a specialized blue gel 37% phosphoric acid etchant for sealants, in a direct delivery system. Super Etch LV’s lower viscosity improves the acid’s surface contact for deeper etchant penetration into the pits and fissures. The deeper acid penetration strengthens the mechanical bond and the retention success of Conseal f sealants.

**Deepest penetration**
Conseal f is available in direct placement syringes and single dose completes. Both have pre-bent, superfine dispensing tips which facilitate controlled, direct extrusion for faster procedures and allow direct dispensing into previously difficult to reach areas.

The Conseal f nozzle, one third the size of other brands, enhances complete sealing and retention by allowing penetration into the deepest pits and fissures; crevasses that will not admit the dispensing tips of other materials.

**Conseal f syringe and complet 27 gauge tip**

**Tip size comparison**
Conseal f’s syringe and complet tip diameter opening is only 0.41mm; significantly smaller than the alternatives of 1.5mm or 1.3mm.

**Range of colors**
Conseal f is available in opaque white. Conseal is available in clear and light grey.

**Hygienic placement**
The Conseal f completes offer a direct and hygienic way of dispensing the sealant, eliminating the risk of cross contamination.

**Bio compatible**
Conseal f’s low water solubility minimizes breakdown of the sealant in the oral environment.

**Contains filler**
Conseal f is 7% filled with a submicron filler size of 0.04 microns to withstand surface wear.

**Clinically proven**
Conseal pit and fissure sealants are clinically proven. 5,363 Conseal sealants placed in 774 children found no failures due to the material and established that “sealants contribute significantly to dental public health”. (2)

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**instructions:**

1. Clean and isolate tooth
2. Etch tooth surface with Super Etch LV for at least 30 seconds, no more than 60 seconds
3. Wash thoroughly with water
4. Completely dry tooth. Note: a dry field is essential for the following steps
5. Directly inject or brush apply Conseal f pit and fissure sealant
6. Light cure Conseal f for 20 seconds

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**Before treatment**

**Conseal f application**

**Etching with Super Etch LV**

**After treatment**

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Conseal clear syringe kit
4 x 1g Conseal clear syringes
20 single use disposable (27 gauge) tips
Reorder 7850016

Conseal bottle kit (light grey)
2 x 5.5g (5mL) light grey conseal sealant
1 x 18.75g (15mL) acid etchant gel
Reorder 7850001

Conseal bottle refill (clear)
5.5g (5mL) clear conseal sealant
Reorder 7850003

Conseal bottle refill (light grey)
5.5g (5mL) light grey conseal sealant
Reorder 7850004

Complet applicator
1 x Complet applicator
Reorder 5545008

Super Etch LV bulk kit
10 x 1.25g (1mL) Super Etch LV syringes
40 single use disposable tips
Reorder 8100044

Disposable tips for Conseal f and Super Etch LV syringes
20 single use disposable tips
Reorder 8100061

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Conseal f syringe kit
3 x 1g (0.91mL) Conseal f syringes
1 x 1.25g (1mL) Super Etch LV syringe
20 single use disposable tips
Reorder 7850012

Conseal f bulk syringe kit
10 x 1g (0.91mL) Conseal f syringes
40 single use disposable tips
Reorder 7850013

Conseal f bottle kit
2 x 5.5g (5mL) Conseal f bottles
2 x 2.5g (2mL) Super etch syringes
accessories
Reorder 7850008

Conseal f bottle refill
5.5g (5mL) Conseal f bottle
Reorder 7850006

Conseal f complet refill
20 x 0.065g (0.06mL) Conseal f comlets
Reorder 7860000

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(1) Chryss A (1998), Royal Melbourne Institute of Technology University Rheology and Materials Processing Centre.
** Source-Published and SDI test data.

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