

## QualiSense SEALANT

### Light cure pit and fissure sealant

#### Instructions for Use

SEALANT is a light cure single component and fluoride containing methacrylate based pit and fissure sealant; semi-opaque and white.

The white coloration allows controlled application and facilitates visual observation, the semi-opaque colouration is more tooth like.

**ETCHING GEL** roughens the enamel surface and produces microfine retentions into SEALANT can flow. Thus, etching of the enamel increases adhesion of SEALANT in fissures, pits and on the tooth surface.

SEALANT meets the requirements of: **DIN EN ISO 6874, class 2.**

#### Isolation

Rubber dam is the recommended method of isolation.

#### Enamel etching

The occlusal surfaces of the teeth to be sealed must be thoroughly cleaned. Apply **ETCHING GEL** in the area of the surface and keep the acid off from dentin. Leave the **ETCHING GEL** in place for **30 seconds** and flush than thoroughly with water. Dry with air that is oil and water free. The etched enamel should have a chalky white appearance.

**Etching precaution:** It is essential that the etched enamel is not contaminated by anything. If contamination occurs, re-etch, rinse with water and dry as above. Avoid etching gel contact with oral soft tissues, eyes and skin. If accidental contact occurs, flush immediately with copious amounts of water.

During the application of SEALANT, the areas should be kept dry with rubber dam.

#### Application of SEALANT

##### 1. Direct Application with NeedleTips:

Screw off the cap of the syringe and substitute it by one of the supplied NeedleTips.

Press cautiously SEALANT in a thin layer directly onto etched areas and - if necessary - spread with a suitable brush.

After use discard the NeedleTip and attach the cap to the syringe again. NeedleTips are for single use only due to hygienic reasons.

##### 2. Application with a brush

Place a small quantity of SEALANT onto the tooth and spread with a suitable brush. SEALANT should be applied only to the etched areas. Remove excess of material.

By using a polymerization unit (wavelength range 400-500 nm) with a light intensity of at least **1000mW/cm<sup>2</sup>**, cure each segment for **20 seconds**.

After polymerization, adjust occlusion and inspect sealant for complete coverage. In case of incomplete coverage reapply SEALANT in the same manner.

#### Storage

Do not store above **25°C (77°F)**. Protect from direct sunlight.

**Do not use after expiry date.**

Close syringe immediately after use to avoid exposure to light.

#### Additional Notes/Warnings

- The ambient light of the dental lamp may start polymerization of the composite.
- Do not use any resin to adjust viscosity of the material.
- Contact of resin pastes with skin should be avoided, especially by anyone having known resin allergies.

#### Warranty

DS Dental Supply GmbH warrants this product will be free from defects in material and manufacture. DS Dental Supply GmbH makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusively remedy and DS Dental Supply GmbH's sole obligation shall be repair or replacement of the DS Dental Supply GmbH product.

#### Limitation of Liability

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**Keep away from children!**

**For dental use only!**