

QualiSense GI LINER SA

Self-adhesive light cure liner

Recommendations for Use

GI LINER SA is a self-adhesive light cure, fluoride-containing liner. The moderately acidic properties of **GI LINER SA** makes it ideally suited to its application as liner, especially when basic MTA cements (e.g. **MTA U**) are used for pulp capping.

When using **GI LINER SA**, prior etching of tooth substance is not mandatory. **GI LINER SA** shows self adhesive properties, therefore application of an adhesive is not absolutely necessary. Nevertheless, application of a light cure adhesive (e.g. **ADHESIVE S1**) improves the bond strength of **GI LINER SA** to dentine and enamel and so guarantees a more reliable bond between tooth structure and **GI LINER SA**.

GI LINER SA is self neutralizing. The flow properties are optimized for easy application. **GI LINER SA** is based on methacrylates and inorganic fillers.

Indications

- Liner under composite fillings
- Covering of MTA cements after pulp capping

Application of GI LINER SA

Store syringe after use again in the seal pack.

1. Liner

Clean the prepared cavity.

Apply **ADHESIVE S1** with a brush onto the moist enamel and dentin surfaces for **30 seconds** with agitation.

The material should build a homogeneous layer. Air thin gently for **10 seconds** to remove the volatile components and to disperse the adhesive. Then light cure with a suitable dental light curing unit for **20 seconds**.

Remove the cap from the **GI LINER SA**-syringe and attach a NeedleTip. Squeeze out the first small drop on a pad to ensure safe handling of **GI LINER SA**.

Apply **GI LINER SA** in a thin layer up to **1-2 mm** below the cavity margin. With a suitable brush work **GI LINER SA** in for **20 seconds**. **30 seconds** after application light cure for **20 seconds** with a dental light curing unit.

Apply a light cure composite according to the user instructions and light cure.

2. Covering of MTA-cement after pulp capping

Apply **MTA U** from the DirectCap over the exposed pulp as described in the corresponding instructions.

Earliest **5 minutes** after the application of **MTA U** place a small amount of **GI LINER SA** and light cure.

Apply **ETCHBOND S1** onto the remaining cavity walls as described under point 2, followed by the application of **GI LINER SA** in a thin layer up to **1-2 mm** below the cavity margin. With a suitable brush work **GI LINER SA** in for **20 seconds**. **30 seconds** after application light cure for **20 seconds** with a dental light curing unit.

Apply a light cure composite according to the user instructions and light cure.

Additional Notes

- The curing times are for Halogen curing lights with a light intensity of min. **500 mW/cm²** or LED curing lights with a light intensity of min. **1000 mW/cm²**.
- Do **not** use any resin to adjust viscosity of **GI LINER SA**.
- Neither store **GI LINER SA** in proximity of eugenol containing products, nor allow it to come into contact with materials containing eugenol. Eugenol impairs the hardening of **GI LINER SA**.
- Contact of resin pastes with skin should be avoided, especially by anyone having known resin allergies.
- Contact with eyes may cause severe eye damage. Wear eye protection. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Storage

Store in the original seal-pack at **10- 25 °C**.

After opening of the seal-pack, use **GI LINER SA** within **6 months** and before the end of expiry date. Avoid constantly high humidity. Do **not** store in the refrigerator.

Do **not** use after expiry date.

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

Except where prohibited by law, DS Dental Supply GmbH will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Keep away from children!

For dental use only!