

QualiSense ADHESIVE S1

Self-etching light cure adhesive

Recommendation for Use

ADHESIVE S1 is a simple to use **self-etching light curing one component adhesive**. It is designed for strong bonding of **composites to enamel and dentin**.

ADHESIVE S1 is compatible with all current brands of visible light cure composite restorative materials.

Indications

Adhesive for:

- Composite based restorations with light cure composites

Side effects

In singular cases, **ADHESIVE S1** may cause a sensitizing reaction in patients with a hypersensitivity to any of the ingredients. In these cases, the material should not be used.

Irritations resulting from direct contact with the pulp cannot be ruled out. Therefore for pulp protection the cavity floor in cases of deep excavations should be covered with a thin layer of calcium hydroxide material.

Incompatibility with Other Materials

Do **not** use in combination with substances containing eugenol because eugenol inhibits the polymerization of **ADHESIVE S1**. Neither store the material in proximity of eugenol containing products, nor let the material allow coming into contact with materials containing eugenol.

Application

1. Isolation

Rubber dam is the recommended method of isolation.

2. Cavity Preparation

Clean the tooth with flour of pumice and water prior to preparation. Prepare the cavity with minimal tooth reduction. Margins should have a slight (**0.5 - 1.0 mm**) level placed in the enamel to increase the surface area for greater bond strength.

3. Pulp Protection

Cavity floor of deep excavations should be covered with a thin layer of calciumhydroxide material (e.g. CH LINER).

4. Application of ADHESIVE S1

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 unit for **20 seconds** before placement of a composite.

5. Restorative Placement, Cure and Finishing

Apply the restorative material according to the instructions of the manufacturer.

Best results are obtained with application of a thin layer of a light cure flowable composite followed by the application of a moldable composite. Light cure each composite layer separately according to the corresponding user instructions.

Warnings

- Unpolymerized material may have an irritating effect and may lead to a sensitizing reaction against methacrylates.
- Avoid contact with skin, mucous membrane and eyes.
- If the material comes into contact with skin, immediately wash with water and soap. If the material comes into contact with eyes, immediately rinse with copious amounts of water and seek medical advice if required.
- Commercial medical gloves do not protect against the sensitizing effect of methacrylates.

Storage

Do **not** store above **25 °C (77 °F)**! Avoid storage in direct sunlight. Do **not** use after expiration 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 exclusive remedy and DS Dental Supply GmbH's sole obligation shall be repair or replacement of the DS Dental Supply GmbH product.

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Keep away from children!

For dental use only!