

Prior to use, carefully read the instructions for use.

EN

**OPTIGLAZE™ color**

LIGHT-CURED CHARACTERIZATION MATERIAL

For use only by a dental professional in the recommended indications.

**RECOMMENDED INDICATIONS**

- Characterization of direct & indirect composite restorations, acrylic denture base and artificial acrylic teeth.
- For obtaining surface smoothness and wear resistance of restorations made of composite resin, acrylic denture base and artificial acrylic teeth.

Note:  
Not intended for characterization of natural teeth.**CONTRAINDICATIONS**

Avoid use of this product in patients with known allergies to acrylate / methacrylate monomers or acrylate / methacrylate polymers.

**DIRECTIONS FOR USE**

Surface characterization

- After contouring the resin surface, finish with a carbide bur or coarse silicone point. The oxygen inhibition layer must be removed as it inhibits the polymerization of OPTIGLAZE color.

Sandblast with 25-50 µm alumina (0.15 MPa/1.5 bar), clean and dry.

Note:  
If the surface still contains oil residue, the surface can be cleaned further with ethanol (alcohol). The use of ethanol (alcohol) on acrylic resin may cause micro cracks. A mild detergent can be used to clean the acrylic resin.

2) With a spray gun, spray the hybrid ceramic block with CERAMIC PRIMER II. Spray until the surface is covered with CERAMIC PRIMER II.

3) Shake the bottle of OPTIGLAZE color well. Dispense a few drops in a dispensing dish. After adding CLEAR to the surface, apply the clear light shade to the resin surface using the brush provided. Do not air blow.

4) Light cure with a suitable light curing device. (See table 1)

Place the light tip as close as possible to the surface.

Set a 2 cm platform in the curing device and place the prosthesis on it with the coated surface facing the light.

Reverse the prosthesis and repeat the light curing to fully cure the undercut or area in shadow.

**Internal characterization**

Build up the dentin layer with composite and light cure.

Follow the instructions of your composite system.

Note:  
Do not remove the oxygen inhibition layer. Apply OPTIGLAZE color on the oxygen inhibition layer. If the oxygen inhibition layer is removed, the surface will become like CERAMIC PRIMER II (block dry) and CERAMIC PRIMER (light cured) before applying OPTIGLAZE color.

2) Shake the bottle of OPTIGLAZE color well. Dispense a few drops in a dispensing dish. Apply a thin layer of OPTIGLAZE color onto the dentin surface with a brush or an instrument or brush (e.g. the conave and concave of dentin instrument or incisal area). Mix multiple colors to obtain the desired shade if needed. Do not air blow.

3) Light cure with a suitable light curing device. (See table 1)

4) Continue curing with an enamel shade on the oxygen inhibition layer. Follow the instructions of your composite system.

5) Finish and polish using standard technique or apply OPTIGLAZE color CLEAR or CLEAR HV on the entire surface.

Reinforcement (e.g. when the glass is lost)

1) Roughen the surface of restoration using a carbide bur and paper cone.

2) Clean the surface with a steam cleaner or ultrasonic cleaner and then dry with oil free air.

Note:  
If the surface is contaminated by oil residue, the surface can be cleaned further with ethanol (alcohol). The use of ethanol (alcohol) on acrylic resin may cause micro cracks. A mild detergent can be used to clean the acrylic resin.

3) Apply OPTIGLAZE color CLEAR or CLEAR HV shade to the surface. Do not air blow.

4) Light cure with a suitable light curing device. (See table 1)

Table 1: Light Curing Time

GC LABOLIGHT DUO	90 sec.
GC LABOLIGHT LV-III, II	8 min.
GC STEPLIGHT SL-I	Distance from light source <3 cm 1 sec. Distance from light source >3 cm 20 sec.
Halogen Light	40 sec.
Plasma Arc	8 sec.
LED Light (with light source having wavelength lower than 430 nm)	40 sec.

Table 2: Depth of Cure

Orange, Yellow, Redbrown, Red	0.07 mm
A Plus, B Plus, C Plus, White, Ivory White, Pink Orange, Pink, Olive, Lavender, Grey, Blue	0.15 mm
Clear, Clear HV	0.5 mm

STORAGE

Recommended for optimal performance, store at room temperature of 4-25°C (39.2-77.0°F).

**PACKAGE:**Complete set:  
A Plus 2.6 mL, B Plus 2.6 mL, C Plus 2.6 mL, White 2.6 mL, Pink 2.6 mL, Yellow 2.6 mL, Red 2.6 mL, Grey 2.6 mL, Olive 2.6 mL, Lavender 2.6 mL, Grey 2.6 mL, Blue 2.6 mL, Red 2.6 mL, Clear 5 mL, Clear HV 5 mL, Disposable Dispensing Dish, Flat Brush, Round Brush**CAUTION**

1. Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.

2. In particular, avoid contact of uncured material with skin. Avoid contact with eyes.

3. OPTIGLAZE color is highly flammable liquid and vapor. Do not use near open flame. Keep away from source of ignition.

4. OPTIGLAZE color is volatile and may cause respiratory irritation. Use only in a well ventilated space. Replace cap immediately after use.

5. It is not recommended to use OPTIGLAZE color on high pressure bearing area.

6. In case of contact with eyes, flush immediately with water and seek medical attention.

7. In case of contact with skin, immediately remove with a sponge or cotton pellet. Flush with water.

8. The oxygen inhibited layer of the resin surface to be coated should be removed before applying OPTIGLAZE color as it may hinder the proper curing of OPTIGLAZE color.

10. Dispense a few drops of OPTIGLAZE color into a disposable dispensing dish immediately before applying as the material contains a volatile solvent.

11. Store locked up.

12. Dispose all waste according to local regulation.

13. In case of allergic reaction, inform sensitivity to some people, if any such reactions are experienced, discontinue the use of the product and refer to a physician.

CLEANING AND DISINFECTION

MULTI-USE DELIVERY SYSTEMS: to avoid cross-contamination between patients this device requires mid-level disinfection.

IMPROPER USE: Immediately after inspect device and label for deterioration. Discard device if damaged.

DO NOT IMMERSIVE: Thoroughly clean device to prevent drying and accumulation of contaminants. Disinfect with a mid-level registered healthcare-grade infection control product according to national/ regional guidelines.

Some products referenced in the present IFU may be classified as dangerous for GHS. Always familiarize yourself with the safety data sheets available at:

<http://www.geurope.com><http://www.gcamerica.com>

They can also be obtained from your supplier.

Undesired effects- Reporting:

If you become aware of any kind of undesired effect - reaction or similar side effect - please do not use the product including those listed in this instruction for use, please report them directly through the relevant vigilance system, by selecting the proper authority of your country accessible through the following link:

[https://ec.europa.eu/growth/sectors/medical-devices/contacts\\_en](https://ec.europa.eu/growth/sectors/medical-devices/contacts_en)

In this way you will contribute to improve the safety of this product.

Last revised: 07/2019

Rx Only

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PRINTED IN JAPAN

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OPTIGLAZE™ color

LICHTHÄRTENDES CHARAKTERISIERUNGSMATERIAL

Die Anwendung darf bei empfohlenen Indikationen nur durch einen Zahnarzt/Zahntechniker erfolgen.

**EMPFOHLENE INDIKATIONEN**

- Charakterisierung von direkten & indirekten Kompositrestorationen, Kunststofftanden, Kunststoffzähnen und Kunststoffzähnen.

2. Zur Gewinnung von Oberflächenglätte und Abriebfestigkeit von Kompositrestorationen, Kunststoff-Prothesen und Kunststoffzähnen.

Hinweis:

Eignet sich nicht für die Charakterisierung von natürlichen Zähnen.

**KONTRAINDIKATIONEN**

Dieses Produkt darf an Patienten verwendet werden, die eine Allergie gegen Acrylate / Methylacrylatmonomer oder Acrylate / Methylacrylatpolymer haben.

**GEBAUCHSANWEISUNGEN**

Oberflächencharakterisierung

Evitez d'utiliser ces produits chez des patients présentant une allergie connue aux monomères acrylates / méthacrylates ou polymères acrylates / méthacrylates.

**CONTRE INDICATIONS**

Evitez d'utiliser ces produits chez des patients présentant une allergie connue aux monomères acrylates / méthacrylates ou polymères acrylates / méthacrylates.

**MODE D'EMPLOI**

Caractérisation de la surface

1. Après contourage de la surface de la résine, finissez avec une fraise en carbure ou une pointe de silicone grossière. La combinaison d'oxygène doit être retirée car elle inhibe la polymérisation de l'OPTIGLAZE color.

Utilisation au Laboratoire:

Sablez avec l'alumina 25-50 µm (0.15 MPa/1.5 bar), nettoyez et séchez.

NOTA:

OPTIGLAZE color n'est pas destiné à la caractérisation des dentures naturelles.

**CONTRARIO INDICATIONS**

Evitez d'utiliser le produit en patients notoriamente affaiblis par allergie au monomère d'acrylate / métacrylate ou au polymère d'acrylate / métacrylate.

**INSTRUCCIONES DE USO**

Caracterización de la superficie

1. Dopo aver definiti i contorni della superficie in resina, rifinire con una fresa al carburo o una punta di silicona ruvida. La combinación de oxígeno debe ser removida ya que inhibe la polimerización de OPTIGLAZE color.

Utilización en el laboratorio:

Arena con alúmina 25-50µm (0.15MPa/1.5bar), limpiar y secar.

NOTA:

OPTIGLAZE color no es destinado para la caracterización de dentaduras naturales.

**INDICACIONES RECOMENDADAS**

- Caracterización de restauraciones directas e indirectas, prótesis a base de acrílico y dientes artificiales en acrílico.

2. Para obtener superficies lisas e con elevada resistencia al uso/a las restauraciones realizadas en resina compuesta, basadas en compuestas, prótesis e dientes artificiales en acrílico.

NOTA:

El producto no es desarrollado para la caracterización de dentaduras naturales.

**CONTRAINDICACIONES**

Evite utilizar este producto en pacientes con alergias conocidas a acrilato / metacrilato o polímeros de acrilato / metacrilato.

**INSTRUCCIONES DE USO**

Caracterización de la superficie

1. Dopo aver definiti i contorni della superficie in resina, rifinire con una fresa al carburo o una punta di silicona ruvida. La combinación di ossigeno deve essere rimossa in quanto inibisce la polimerizzazione di OPTIGLAZE color.

Utilizzo in laboratorio:

Arena con alúmina 25-50µm (0.15MPa/1.5bar), pulire e asciugare.

NOTA:

OPTIGLAZE color non contiene residui di aceite, se deberá limpiar con etanol (alcohol). El uso de etanol (alcohol) en resina acrílica puede causar microfracturas.

2) Quando si applica OPTIGLAZE color su blocchi di cerámica, trate con CERAMIC SMART, trate la superficie con CERAMIC PRIMER II.

3) Agitar bien la botella de OPTIGLAZE color. Sabbiare con alúmina con 25-50µm (0.15MPa/1.5bar), limpiar y secar.

NOTA:

Si la superficie contiene todavía residuos de aceite, se deberá limpiar con etanol (alcohol). El uso de etanol (alcohol) en resina acrílica puede

