

SOLARE Sculpt

LIGHT-CURED UNIVERSAL NANO HYBRID COMPACTABLE COMPOSITE

Prior to use, carefully read the instructions for use.

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

INDICATIONS FOR USE

1. Direct restorative for class I, II, III, IV and V cavities.
2. Direct restorative for wedge-shaped defects and root surface cavities.
3. Direct restorative for veneers and diastema closure.

CONTRAINDICATIONS

1. Direct pulp capping.
2. Avoid use of this product in patients with known allergies to methacrylate monomer or methacrylate polymer.

DIRECTIONS FOR USE

1. Shade Selection

Clean the tooth with pumice and water. Shade selection should be made prior to isolation. Select the appropriate shade from 4 shades of A1, A2, A3, A3.5. The shades are based on the Vita® classical shade guide.

*Vita® is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany

2. Cavity Preparation

Prepare cavity using standard techniques. Dry by gently blowing with oil free air. Rubber dam is recommended to isolate prepared tooth from contamination with saliva, blood or sulcus fluid.

Note:

For pulp capping, use calcium hydroxide.

3. Bonding Treatment

For bonding SOLARE Sculpt to enamel and/or dentine and/or glass ionomer base, use a light-cured bonding system such as SOLARE UNIVERSAL BOND, G-Premio BOND, G-aenial Bond, G-BOND, GC Fuji BOND LC. Follow manufacturer's instructions.

4. Placement of SOLARE Sculpt

Dispensing from a syringe

Remove syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument. After dispensing, screw plunger anticlockwise by a half to full turn to release residual pressure inside the syringe. Replace cap immediately after use.

Note:

Material may be hard to extrude immediately after removing from cold storage. Prior to use, let stand for a few minutes at normal room temperature.

After dispensing, minimize exposure to ambient light. Ambient light can shorten the manipulation time.

5. Contouring Before Light Curing

Contour using standard technique.

6. Light Curing

Light cure SOLARE Sculpt using a light curing unit. Keep light guide as close as possible to the surface. Refer to the following chart for Irradiation Time and Effective Depth of Cure.

Irradiation Time and Effective Depth of Cure

	9 sec. (Plasma arc) (2000 mW/cm ²) 10 sec. (GC G-Light) (1200 mW/cm ²) 20 sec. (Halogen/LED) (700 mW/cm ²)
A1, A2, A3	2.0 mm
A3.5	1.5 mm

Note:

1. Material should be placed and light cured in layers. For maximum layer thickness, please consult above table.
2. Lower light intensity may cause insufficient curing or discoloration of the material.

7. Finishing and Polishing

Finish and polish using standard techniques.

SHADES

A1, A2, A3, A3.5

STORAGE

Recommended for optimal performance, store in a cool and dark place (4-25°C / 39.2-77.0°F).
(Shelf life : 3 years from date of manufacture)

PACKAGES

Syringe (in 4 shades) (1.0 mL per syringe)

NOTE :

Weight per syringe : 1.9 g

CAUTION

1. In rare cases, the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.
2. In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol. Flush with water. To avoid contact, a rubber dam and/or cocoa butter can be used to isolate the operation field from the skin or oral tissue.
3. In case of contact with eyes, flush immediately with water and seek medical attention.
4. Take care to avoid ingestion of the material.
5. Wear plastic or rubber gloves during operation to avoid direct contact with air inhibited resin layers in order to prevent possible sensitivity.
6. Wear protective eye glasses during light curing.
7. When polishing the polymerized material, use a dust collector and wear a dust mask to avoid inhalation of cutting dust.
8. Do not mix with other similar products.
9. Avoid getting material on clothing.
10. In case of contact with unintended areas of tooth or prosthetic appliances, remove with instrument, sponge, or cotton pellet before light curing.
11. Do not use SOLARE Sculpt in combination with eugenol containing materials as eugenol may hinder SOLARE Sculpt from setting.
12. Dispose of all wastes according to local regulations.
13. Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.

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

<http://www.gcamerica.com>

<http://www.gcasiadental.com>

<http://www.gcindiadental.com>

They can also be obtained from your supplier.

CLEANING AND DISINFECTING:

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

Immediately after use, inspect device and label for deterioration.

Discard device if damaged.

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

Last revised: 02/2017

Rx Only

GC

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PRINTED IN JAPAN