

## INSTRUCTION FOR USE

### ReCreate-LC Flow

#### Light Curing Nano Hybrid Radiopaque Flowable Composite

#### COMPOSITION

Bisphenol A Glycidyl Methacrylate, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Ethoxlated Bisphenol A Dimethacrylate, Silanated Glass Filler, Amorphous Fumed Silica, Inorganic Filler 68 %

#### Shades

A1, A2 , A3 , B2

#### PROPERTIES and Method of Application

Light Curing Nano Hybrid Radiopaque Flowable Composite

ReCreate-LC Flow is radiopaque, high strength and wear resistance light curing flowable composite. It is indicated for restoration in Anterior and Posterior Teeth.

ReCreate-LC Flow is optimal in its viscosity, it exhibits very good wetting and adaptation to cavity walls .ReCreate-LC Flow is used with a Dentine/Enamel etching and bonding system.

**ReCreate-Lc Flow** is a material which adapts very well to the cavity, helps to avoid air enclosures and accelerates restorations.

#### Shade Selection

Clean the teeth to be treated with a fluoride-free cleaning paste. Mark occlusal contact points (posterior area) ; a minimal separation facilitates the design of the approximal contact and the placement of the matrix.

To select the shade, compare the ReCreate-LC Flow shade-guide with the cleaned tooth (moisten shade- guide and tooth, select shade in daylight).

#### Creating a dry working field:

Provide a sufficiently dry work field. Using a rubber dam is recommended.

#### Cavity preparation:

Cavity preparation should generally be conducted according to the rules of adhesive filling therapy, e.g. minimally invasive to save healthy tooth substance.

Bevel enamel margins. Observe special preparation forms in extended fissure sealing and deciduous teeth! Then clean and dry the cavity. Non-carious cervical lesions do not have to be prepared; thorough cleaning is sufficient here.

#### Application :

Let the material reach room temperature before application. Place a matrix on cavities in the approximal area. Using trans- parent matrices is advantageous.

Lock the application cannula (type 41) onto the syringe with a clockwise turn and apply ReCreate-LC Flow directly. For fillings of more than 2 mm, apply and polymerise in layers.

#### Light-curing:

Conventional polymerisation devices are suitable for light- curing this material.

Halogen light devices should have a minimum light output of 500 mW/cm<sup>2</sup>, LED lamps should have a minimum output of 300 mW/cm<sup>2</sup>.

The curing time is 10 s minimum per layer. Hold the tip of the curing light as close as possible to the surface of the filling. If the distance is more than 5 mm, the curing depth will be reduced. Insufficient curing can lead to discolouration and pulp irritation.

#### Finishing:

The filling can be finished and polished immediately after removing the shaping aids (e.g. fine and extra-fine grain diamonds, polishing discs).

During finishing and polishing, the filling must be cooled. The margin of the filling, or even better, the entire tooth should be fluoridated as a final step.

#### INDICATIONS

- Filling minimally invasive cavities of all class
- Filling small Class I cavities and extended fissure sealing
- Filling Class V (Cervical Caries) directly
- V shaped cavities including Root Erosion
- Repair Of Ceramic and Composite Resin Veneers
- Block out undercuts for Impression
- Luting translucent prosthetic and orthodontic pieces

#### CONTRAINDICATIONS

Drug idiosyncrasy • Use with great care for allergic patients with methacrylate

#### SIDE EFFECTS

No known side effects as far as all terms of application, transportation and storage are observed

#### PRESENTATION

ReCreate-LC Flow 2 x 2.5g      Ref no 005-01-250

#### STORAGE

Store at 5 °C to 25 °C, in a well sealed container Attention! Close materials tightly after use

The material must not be used after the expiry date Shelf life – 2.5 years

#### MANUFACTURER

SafeEndo Dental India Pvt Ltd  
A/6/2, Kamdhenu Industrial Estate,  
Opp. Gorwa Water tank, Gorwa, Vadodara-390016  
E-mail: info@safeendo.org  
www.safeendo.org

**Not For Medicinal use, For use in Dentistry By Dental Professional only**

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