BEAUTIFIL II Gingiva
Fluoride Releasing Dental Restorative Material

BEAUTIFIL II Gingiva is a light-cured radiopaque restorative material, designed to restore cervical defects as well as to protect receding gum (root exposure).

**SHADES**
G-Dark Pink, G-Light Pink, G-Brown, G-Orange, G-Violet

**COMPOSITION**
Bis-GMA, TEGDMA, S-PRG filler based on fluoroboroaluminosilicate glass, polymerization initiator, pigments and others

**INDICATIONS**
- Class V restorations (cervical caries, root caries, wedge-shaped defects)
- Protection of receding gum (root exposure)
- Restoration of esthetic appearance of gingival areas

**PRECAUTIONS**
1. Do not use this product on patients with known allergies to this material and/or methacrylate monomer.
2. Operators with known allergies to this material and/or methacrylate monomer must not use this product.
3. If any inflammation or other allergic reactions occur on either patient or operator while using this product, immediately discontinue use and seek medical advice.
4. Use medical (dental) gloves and protective glasses to avoid sensitization to this product. In case of accidental contact with oral soft tissue or skin, immediately blot with alcohol moistened cotton ball, and rinse with plenty of water. Medical (dental) gloves provide some protection against direct contact with this material; however some monomers can penetrate through the gloves very quickly to reach the skin. Therefore, should this material contact even the gloves, immediately remove them and wash hands with plenty of water. In case of contact with eyes, immediately flush the eyes with plenty of water and seek medical advice.
5. This product is intended for use by dental professionals only.

**DIRECTIONS FOR USE**

1. **Cleaning of Tooth Surface**: Thoroughly clean the tooth surface to remove plaque.
2. **Shade Selection**: Select appropriate shade using a shade guide.
3. **Cavity Preparation**: Prepare the cavity following the conventional method. In case of non-carious defects, roughen the tooth surface to enhance mechanical and chemical bond. Use a gingival retraction cord if necessary.
4. **Isolation**: Use a rubber dam etc to isolate the treatment area.
5. **Pulp Protection**: In the case of pulp exposure or deep cavities with close proximity to pulp, cap the pulp with calcium hydroxide etc.
6. **Adhesive Application**: Apply dentin adhesive following the manufacturer’s instructions for use.
7. **Filling**: Dispense adequate amount of BEAUTIFIL II Gingiva onto a paper pad from the syringe. Apply the dispersed material into the cavity or tooth surface using a suitable instrument and create the shape desired. For deeper application, place material in 1.5mm or less increments.
   - When storing these materials in a refrigerator, allow them to reach room temperature before use
   - Hold the syringe securely to remove the cap
   - The paste dispensed onto the paper pad should be shielded from ambient light with light-shielding cover to avoid premature polymerization of the material
   - Tightly close the cap after each use
8. **Light-Curing**: Light-cure using a dental light-curing unit.
   - In deeper application, light-cure each layer
   - In cases where the restored area is large, light-cure in segments
   - Specifications of light-curing units that can be used for this material and their standard curing time are as follows:

<table>
<thead>
<tr>
<th>Light-Curing Time</th>
<th>Halogen Light-Curing Unit</th>
<th>LED Light-Curing Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 sec.</td>
<td>1000mW/cm² or more</td>
<td>1000mW/cm² or more</td>
</tr>
<tr>
<td>20 sec.</td>
<td>500mW/cm² or more</td>
<td>500mW/cm² or more</td>
</tr>
</tbody>
</table>

- Use a dental light-curing unit having specifications equivalent to those described above. When using the one having performance scale other than these recommendations, follow the instructions of each unit to light-cure BEAUTIFIL II Gingiva properly
- Operators must use protective glasses or light shielding plate to avoid looking directly at the curing light. Operators must also protect patients’ eyes from direct exposure to the curing light
- Disinfect the light-curing unit with alcohol after each use to avoid cross contamination

9. **Finishing and Polishing**: After light-curing, contour, finish and polish the restoration following the conventional method.

**NOTE ON USE**
1. Do not use eugenol containing materials since they might inhibit polymerization or adhesion of the material.
2. Follow the instructions for use of each dental material, instrument or equipment to be used in conjunction with this product.

3. Do not use this product for any purposes other than specifically outlined in the INDICATIONS in these instructions for use.
4. Use this product within the expiration date indicated on the package and container.

**STORAGE**
Store at room temperature (1-30 °C/34-86 °F). Avoid high temperatures and high humidity. Keep away from direct sunlight and any source of ignition.

CAUTION: US FEDERAL LAW RESTRICTS THIS DEVICE TO SALE BY OR ON THE ORDER OF A DENTAL PROFESSIONAL.
BEAUTIFIL II Enamel
Fluoride Releasing Dental Restorative Material

BEAUTIFIL II Enamel is a light-cured radiopaque restorative material, designed for anterior restorations as well as posterior restorations including for restorations involving occlusal surfaces. It can also be used for repair of restorations and prostheses.

SHADES
HVT, LVT, AM, T

COMPOSITION
Bi-s-GMA, TEGDMA, S-PRG filler based on fluoroborosilicate glass, polymerization initiator, pigments and others

INDICATIONS
• Direct anterior and posterior restorations (except for tooth root)
• Repair of restorations and prostheses

PRECAUTIONS
1. Do not use this product, on patients with known allergies to this material and/or methacrylate monomer.
2. Operators with known allergies to this material and/or methacrylate monomer must not use this product.
3. If any inflammation or other allergic reactions occur on either patient or operator while using this product, immediately discontinue use and seek medical advice.
4. Use medical (dental) gloves and protective glasses to avoid sensitization to this product. In case of accidental contact with oral soft tissue or skin, immediately blot with alcohol moistened cotton ball, and rinse with plenty of water. Medical (dental) gloves provide some protection against direct contact with this material; however some monomers can penetrate through the gloves very quickly to reach the skin. Therefore, should this material contact even the gloves, immediately remove them and wash hands with plenty of water. In case of contact with eyes, immediately flush the eyes with plenty of water and seek medical advice.
5. This product is intended for use by dental professionals only.

DIRECTIONS FOR USE
A. ANTERIOR AND POSTERIOR RESTORATIONS
A1. Cleaning of Tooth Surface:
Thoroughly clean the tooth surface to remove plaque.

A2. Shade Selection:
Select appropriate shade using a shade guide while the tooth is still moist.

A3. Cavity Preparation:
Prepare the cavity following the conventional method.

A4. Isolation:
Use a rubber dam etc to isolate the treatment area from contamination.

A5. Placement of Matrix:
Place a matrix band in the case where the cavity involves proximal area. Follow the matrix manufacturer’s instructions for use.

A6. Pulp Protection:
In case of pulp exposure or deep cavity with close proximity to the pulp, cap the pulp with calcium hydroxide etc.

A7. Adhesive Application:
Apply dentin adhesive following the manufacturer’s instructions for use.

A8. Filling:
Dispense adequate amount of BEAUTIFIL II Enamel onto a paper pad from the syringe. Apply the dispensed material into the cavity using a suitable instrument and create the shape desired. In deeper preparation, apply conventional filling material (eg. BEAUTIFIL II) first, then apply this material to complete the restoration.

• When storing these materials in a refrigerator, allow them to reach room temperature before use
• Hold the syringe securely to remove the cap
• The paste dispensed onto the paper pad should be shielded from ambient light by light-shielding cover to avoid premature polymerization of the material
• In deeper preparations, place material in 2mm increments
• Tightly close the cap after each use

A9. Light-Curing:
Light-cure using a dental light-curing unit.
• In deeper preparations, light-cure each layer
• In cases where the restored area is large, light-cure in segments
• Specifications of light-curing units that can be used for this material and their standard curing time are as follows:

<table>
<thead>
<tr>
<th>Light Source</th>
<th>Halogen</th>
<th>LED (with a single emission peak)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>400-500nm</td>
<td>440-490nm</td>
</tr>
<tr>
<td>Light Intensity</td>
<td>500mW/cm² or more</td>
<td>1000mW/cm² or more</td>
</tr>
</tbody>
</table>

• Use a dental light-curing unit having specifications equivalent to those described above. When using the one having performance scale other than these recommendations, follow the instructions for each unit to light-cure BEAUTIFIL II Enamel properly
• Operators must use protective glasses or light shielding plate to avoid looking directly at the curing light. Operators must also protect patients’ eyes from direct exposure to the curing light
• Disinfect the light-curing unit with alcohol after each use to avoid cross contamination

A10. Finishing & Polishing
After light-curing, contour, finish and polish the restoration following the conventional method.

B. REPAIR OF RESTORATIONS AND PROSTHESES
B1. Cleaning of the Restoration:
Thoroughly clean the restoration to remove plaque.

B2. Shade Selection:
Select appropriate shade using a shade guide while the restoration to be repaired is still moist.

NOTE ON USE
1. Do not use eugenol containing materials since they might inhibit polymerization or adhesion of the material.
2. Follow the instructions for use of each dental material, instrument or equipment to be used in conjunction with this product.
3. Do not use this product for any purposes other than specifically outlined in the INDICATIONS in these instructions for use.
4. Use this product within the expiration date indicated on the package and container. (Example YYYY-MM-DD = year-month-date of the expiration date)

STORAGE
Store at room temperature (1-30 °C/34-86 °F). Avoid high humidity and keep away from direct sunlight and any source of ignition.

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