

Glint 21 kit

Nano Hybrid Universal Composite

Product Description:

Glint 21 kit is a visible light cured, radiopaque highly filled composite restorative material for anterior and posterior restorations of all teeth.

Composition :

Bisphenol A Glycidyl Methacrylate, Bisphenol A Diethoxy Methacrylate, Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica.

Indications:

Glint 21 kit Nano Hybride Universal Restorative is indicated for direct filling of class I, II, III, IV and V Cavities in anterior and posterior teeth. Preventive resin restoration and repair of composite / ceramic veneers.

Instruction for use:

Clean the tooth to be treated and adjacent teeth with a brush and prophylax paste. Select the shade using VITA Shade Guide. Prepare the cavity using conservative cavity technique. No residual amalgam or other base material should be left in the cavity. Cover the area close to the pulp with hard setting Calstar-LC Light Cure Calcium Hydroxide paste. Apply R-Bond dentine bonding agent with a disposable brush to the entire cavity. Ensure thorough wetting of the entire cavity. Allow 20 sec air drying and re apply another coat of dentine bonding agent. Remove excess solvent by gently drying with dry air for at least 5sec to ensure uniform glossy surface. Cure adhesive for 20-30 sec using standard curing light. Remove Glint 21 syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument. After dispensing, screw plunger should be rotated anti clock wise by half to full turn to release residual pressure inside the syringe. Contour the material in the cavity. Light cure for 40 sec using standard curing light. When necessary build in increments of 2mm maximum using a layering technique. Shape and polish with Polishing system using standard technique.

Warning:

Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation, burns of hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

Contraindications: If allergic to methacrylate resins.

Precautions :

Eugenol containing materials should not be used with this product because they may effect polymerization and interfere with the hardening process. Being sensitive to heat and light, the syringes should be kept away from direct sun light.

Storage Conditions:

Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life: 3years from the date of manufacturing.

Disposal conditions: To be disposed off based on the prevailing rules of the country in which it is used.

Etch Plus

37% phosphoric acid gel

APPLICATIONS

Etching gel for enamel and dentin

DIRECTIONS FOR USE

Apply Etch Plus Gel to enamel and dentin surfaces for 15 seconds. Rinse thoroughly for 15 seconds with water. It is important not to splash etch into eyes, onto soft tissues or skin. Dry with clean, oil-free, air without desiccating the dentin. Do not allow etched surface to become contaminated with saliva or blood during the bonding procedure. Proceed with placement of bonding agent.

Remove the used tip, fix a new one and cover up If contact with air, as content could be hardened, so it is necessary to cover a cap on the needle after use.

ADVANTAGES

Easy cleaning and removal

Excellent etching effect

Blue Gel in a convenient syringe

CONTENTS

2 syringe 2g each

Disposable tips

STORAGE

Do not use Etch Plus after the indicated date of expiration.

– Etch Plus has to be stored at room temperature (12–28° C / 54–83 °F).

– After dispensing the material, remove the application tip from the syringe and re-seal the syringe with the original cap.

For dental use only

Do not use in allergic person keep the syringe capped at all times, when not in use Store in a dry and cool area to avoid dryness or separation of the paste

R-Bond

Light Curing Total Etch Bond Agent

One Component Bonding Adhesive

Product Description :

R-Bond Total Etch Bond is a light curing, single component bonding agent for use in combination with adhesive restorations. R-Bond Total Etch Bond adhesive was developed for bonding composites and compomers to the tooth structure as well as for bonding amalgams and indirect restorations (e.g., porcelain). It primes and bonds in one step. Prior to the application of R-Bond Total Etch Bond the tooth structure is conditioned with Etch Plus gel 37%.

Composition:

Urethane Dimethacrylate, Triethylene Glycol Dimethacrylate, Bisphenol A Diglycidyl Methacrylate, 2-Hydroxy Ethyl Methacrylate, Tertiary Butanol, Photoinitiators, Stabilizer.

Indications:

1. Adhesive for direct, light-curing and dual-curing composite and compomer restorations.

2. Adhesive for light-initiated resin cements used in conjunction with indirect all-ceramic and composite restorations (inlays, onlays, veneers and full-coverage crowns).

Precautionary Information for Patients:

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. Avoid use of this product in patients with known acrylate allergies. If prolonged contact with oral soft tissue occurs, flush with large amounts of water. If allergic reaction occurs, seek medical attention as needed, remove the product if necessary and discontinue future use of the product.

Precautionary Information for Dental Personnel:

This product contains substances that may cause an allergic reaction by skin contact in certain individuals. To reduce the risk of allergic response, minimize exposure to these materials. In particular, avoid exposure to uncured product. If skin contact occurs, wash skin with soap and water. Use of protective gloves and a no-touch technique is recommended. Acrylates may penetrate in commonly used gloves. If product penetrate glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. If allergic reaction occurs, seek medical attention as needed.

Instructions for use:

1. Isolation : Rubber dam is the preferred method of isolation.
2. Cavity preparation : Prepare cavity with minimal tooth reduction. Bevel cavo surface enamel margins.
3. Etching : Apply etchant to enamel and dentin. Wait 15 seconds. Rinse for 10 seconds. Blot excess water using a cotton pellet or mini-sponge. The surface should appear glistening without pooling of water.
4. Adhesive : Immediately after blotting, apply 2-3 consecutive coats of adhesive to etched enamel and dentin for 15 seconds with gentle agitation using a fully saturated applicator. Gently air thin for 5 seconds to evaporate solvents. Light cure for 20-30 seconds.
5. Restorative placement, cure and finishing : Refer to manufacturer's instructions for placement, cure and finishing of restorative materials.

Instructions for Use :

Bonding porcelain veneers :

1. Silane treatment : Porcelain bonding surfaces should have been etched using hydrofluoric acid by the dental laboratory. Apply Ceramic Primer to the bonding surface of the veneer. Dry for 5 seconds. Clean the prepared teeth in preparation for seating and bonding using a plain pumice slurry. Rinse thoroughly and dry.
2. Etching : Apply etchant to both enamel and dentin. Wait 15 seconds. Rinse for 10 seconds. Blot excess water using a cotton pellet or mini-sponge. The surface should appear glistening without pooling of water. An additional 15 second etch time may be appropriate for teeth that were not prepared using a diamond bur. Residual organic matter can also require additional etch time.
3. Adhesive : Immediately after blotting, apply 2-3 consecutive coats of adhesive to etched enamel and dentin for 15 seconds with gentle agitation using a fully saturated applicator. Gently air thin for 5 seconds to evaporate solvents. Do not light cure.
4. Adhesive application to veneer : Apply 1 coat of adhesive to the acid etched, silane treated veneer. Dry thoroughly. Do not light cure.
5. Luting material application to veneer : Apply luting Cement to the bonding surface of veneer.

Seating and curing :

Carefully seat the veneer. Clean excess luting cement from the veneer margins. Cure each area of the veneer for times recommended by the luting cement manufacturer. We recommend curing the gingival margin first, followed by the body and the incisal margin. Avoid direct contact with the light-guide during initial curing.

Contraindications :

1. Do not use R-Bond Total Etch Bond adhesive if a patient is known to be allergic to any of the material's ingredients or if the stipulated working technique cannot be used.
2. R-Bond Total Etch Bond adhesive must not be used in conjunction with purely self curing composite materials. Dual-curing materials must be light activated.
3. Do not use R-Bond Total Etch Bond adhesive for direct pulp capping.

Side effects:

In rare cases, ingredients of R-Bond Total Etch Bond adhesive may cause sensitization. In these cases, the material should no longer be used.

Interactions:

Materials containing eugenol or clove oil may inhibit the polymerization of R-Bond Total Etch Bond adhesive .

Warning:

R-Bond Total Etch Bond adhesive is an irritant. Contact with the skin, mucous membranes or eyes should be avoided. If case of skin contact, immediately wash with soap and water. If the material should come into contact with the eyes, immediately rinse with copious amounts of water for at least 15 minutes and consult a physician or ophthalmologist. In rare cases, contact with the skin may lead to a sensitization towards methacrylates. Commercial medical gloves do not provide protection against the sensitizing effects of methacrylate.

Storage Conditions:

Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life :

2 years from the date of manufacturing.

Disposal conditions:

To be disposed off based on the prevailing rules of the country in which it is used.

Packaging Glint-21 kit

Syringe 5 x 4g

etch plus 1 x 2g

r-bond 1 x 5g



Manufactured by:

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