

KRIS N CERAM+

Nano Hybrid Ceramic Light Cure Composite Kit



TECHNICAL & SAFETY INSTRUCTIONS FOR USE

Product Description: Kris N Ceram+ 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: Kris N Ceram+ 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 prophylactic 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 Kris 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 Kris N Ceram+ 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: 3 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.

KRIS BOND+ 7th Generation Self Etch Bond

Product Description : Krisbond+ is a 7th Generation Self Etch Bond combines the ingredients needed for etching, priming, and bonding into a single adhesive, thereby eliminating separate etching and priming steps of the bonding process. **Krisbond+** adhesive can be used for the bonding of both direct and indirect restorations. **Composition :** Hema Phosphate, Urethane Dimethacrylate, Triethylene Glycol dimethacrylate, Bisphenol A Diglycidyl Methacrylate, 2-Hydroxyethyl Methacrylate, Water, Tertiary Butanol, Photoinitiators, Stabilizer.

Indications: Direct Applications: 1. Light-cured composite

and compomer restorations. 2. Composite /ceramic/ metal repairs. 3. Cavity sealing for amalgam restorations. 4. Light-cured or dual-cured core build-ups (always light-cure an incremental Build-up of core material).

Indirect Applications : 1. Veneers 2. Porcelain, composite, and metal-based inlays, onlays, crowns, bridges. 3. Endodontic posts. 4. Cavity sealing as a retreatment for indirect restorations.

Instructions for use : Bonding Composites/Compomers to Dentin/Enamel Veneers, crowns, bridges, inlays, onlays and metal-based restorations (used in conjunction with a luting cement) 1. Prepare cavity: Wash thoroughly with water spray and air dry (Do not desiccate). **Note :** For optimal adhesion, always prep (bevel) all enamel and/or margins prior to application of **Krisbond+**. 2. Hake **Krisbond+** adhesive bottle briefly. **Note :** Upon first use, shake the adhesive bottle vigorously for 20 - 30 seconds. 3. Dispense 2-3 drops of **Krisbond+** adhesive into a clean well. Replace cap immediately after dispensing. 4. Using the disposable applicator brush, apply a generous amount of adhesive to the enamel /dentin surface. Scrub the surface with a brushing motion for 20 seconds. 5. Apply a second application of **Krisbond+** adhesive with a brushing motion for 20 seconds. 6. Dry the adhesive with gentle air first and then medium air for at least 5 seconds with oil-free air. 7. Light cure for 20-30 seconds. 8. Apply composite according to manufacturer's instructions for use. Instructions for bonding Indirect.

Contraindications : 1. Do not use **Krisbond+** adhesive if a patient is known to be allergic to any of the materials ingredients or if the stipulated working technique cannot be used. 2. **Krisbond+** adhesive must not be used in conjunction with purely self curing composite materials. Dual curing materials must be light activated. 3. Do not use **Krisbond+** adhesive for direct pulp capping.

Warning : **Krisbond+** 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 : 3 years. from the date of manufacturing.

Packing : 1x 5ml Plastic Dropper Bottles.

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

KRIS N FLOW

Light Cured, Self Adhesive Hybrid Flowable Composite

Product Description : Kris n flow is a self etch, self adhesive an excellent flowable composite that delivers high strength & wear resistance. It is characterized by optimum surface affinity, penetrates into most difficult area. It combines esthetics as well as flow on demand handling for use. The flowable composite is ready for use and doesn't require the prerequisite preparatory steps of etching, priming and bonding.

Composition : Bisphenol A Glycidyl Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Urethane Dimethacrylate, acidic phosphate monomer, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Total inorganic filler 70%, 2-Dimethylamino Ethyl Methacrylate, 10-Metharytoxyloxydecry Dihydrogen Phosphate, Ethyl 4 Dimethyl Amino Benzoate, Photo Polymerizing agents, Pigment color.

Indications : Kris n flow is indicated for direct filling of class V (Cervical Caries), root erosions, wedge shaped defects. Fillings of anterior teeth (Class III & IV). Small fillings in posterior teeth.

Instructions for use : Apply the material with applicator tip directly in the cavity and pre contour with a suitable instrument and wait for 10 seconds. The layer should not be thicker than 2mm. Light cure for 40 sec using standard curing light. **Note :** Selective Etching technique is however recommended when enamel surfaces are involved.

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 and 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.

Contraindications : It is contraindicated for use with patients who have a history of severe allergic reaction 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 : 3 years from the date of manufacturing.

Packing: 1 syringe x 2gm.

Shades: A1, A2, A3, A3.5, B1, B2.

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

KRIS GLOSS

Composite Polishing Paste

Product Description : Kris-Gloss Composite Polishing Paste is water-soluble, aluminum oxide paste designed for final polishing of anterior and posterior composite restorations and veneers. Kris-Gloss improves the smoothness of the finished surface of microfilm composites to a final, high luster surface, or pre-polishes by smoothing finished surfaces of hybrid and micro-hybrid composites to low luster. For hybrid and micro-hybrid composites, following with Kris-Gloss Polishing Paste results in a final, high luster polished surface.

Composition : Glycerin, White Fused Alumina, Polyethylene Glycol, Amorphous Silica and Spearmint Oil.

Indications : Final polishing of direct or indirect anterior and posterior composite restorations/veneers.

Instructions For Use :

1. Place composite restoration as per standard techniques. Complete gross reduction of excess and general outline form of the restoration using carbide finishing burs or diamond finishing instruments. Additional finishing and polishing is obtained by use of Enhance Discs, Cups or points. Alternatively, other standard aluminum oxide disc series may be used (see complete directions of finishing instruments). Prior to proceeding to polishing with Kris-Gloss Composite Polishing Pastes, the restoration should be finished to a final contour. Surface should be smooth and defect free.

2. Attach an enhance Foam Polishing Cup to the provided mandrel by inserting the bayonet end of the mandrel into the opening on the narrow end of the cup. Rotating the mandrel ¼ turn makes insertion easier. Make sure the mandrel inserts fully into the cup. Insert the mandrel into a conventional speed contra-angled hand piece.

3. Dispense a portion of Kris-Gloss Polishing Paste onto a clean paper pad or dampen dish. Recap syringe promptly.

4. Apply a small amount of Kris-Gloss Polishing Paste to the surface of the enhance Cup. Without running the hand piece apply material to the surface to be polished. Running slowly at first, using overlapping, continuous circular motions, work the surface of the restoration, dry initially, up to moderate speed and pressure, use flat end and corner edge of cup.

5. To increase surface luster, add water in small amounts (i.e

drop wise) to dilute the paste using a light circular buffing action. Repeat as needed to produce a smooth surface.

6. Kris-Gloss from the tooth surface and enhance Cup. This is the final step for microfilled composites. Continue with the next step for hybrid and microhybrid composite materials.

7. Dispense and apply Kris-Gloss Extra Fine Paste to the Enhance Cup as described in steps 3 and 4 and polish the surfaces dry at first, then adding increasing amounts of water for 15-30 seconds at higher speed, with a lighter buffing pressure for final luster. The Enhance Cup should be discarded after use.

8. Clean excess material from oral surfaces with air/water spray and/or instruct patient to rinse and expectorate.

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.

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 : 3 Years from the date of manufacturing.

Packing: 1 X 3gm Syringe. + 4 applicator tips

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

Packaging Kris N Ceram+

7 x 4 gm Kris N Ceram + Composite Syringes

1 x 5 ml Bottle 7th gen. Adhesive Bond

1 x 2 gm-A2 Flowable Composite Syringe

1 x 4 gm Composite Polishing Paste Syringe

20 x Micro Brushes

10 x Applicator Tips

1x Instruction Manual Ref No. RD19-01

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☑ Symbol for "BATCH CODE" ☑ Symbol for "USE BY" ☑ Symbol for "NON STERILE"
☑ Symbol for "KEEP DRY" ☑ Symbol for "CAUTION" ☑ SYMBOL FOR EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE ☑ Symbol for "KEEP AWAY FROM SUNLIGHT" ☑ Symbol for "KEEP OUT OF THE REACH OF CHILDREN"
☑ Symbol for "MANUFACTURER NAME & ADDRESS" ☑ Symbol for "CONSULT INSTRUCTION FOR USE" ☑ Symbol for "CATALOGUE NUMBER"
☑ Symbol for "DO NOT USE IF PACKAGE IS DAMAGE" ☑ Symbol for "TEMPERATURE LIMITATION"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.