



“UBAR”™

SELF CURE METAL-BONDING RESIN

EXPANDED KIT

- Repair broken clasps
- Replace lost teeth
- Aesthetically “hide” metal clasps
- Adhesive rebase of metal dentures
- Reattachment of saddle to frame
- Bond precision attachments or magnets to appliances

DESCRIPTION

ProTech “UBAR”™ SELF-CURE METAL-BONDING RESIN is a unique resin for use as a long-term acrylic repair and masking material for all prosthetic appliances. The kit contains the revolutionary patented* ingredient, 4-META, that bonds to metal with no need for mechanical retention.

APPLICATIONS

“UBAR”™ is supplied in the original medium pink characterized gingival shade, as well as shades to match "199", Light Characterized, Light Reddish Pink, Clear, and specially blended tooth color shades. UBAR acts like “crazy glue” on all dental non-precious metals, and eliminates the cost and bother of soldering or welding. Repaired appliances can be returned to patients much faster. Ideal for full and partial denture repairs, relining metal base dentures, securing precision attachments and magnets, placing acrylic teeth directly to steel frameworks, aesthetically hiding metal clasps, and many other applications.

INSTRUCTIONS FOR USE

LINER APPLICATION

Prepare site by exposing the metal to be covered. Remove the surface layer of surrounding old acrylic, if any. Roughen by sandblasting, using a shell blaster or aluminum oxide or stone. Be sure to remove any remaining oxide by rubber wheeling the surface with a pumice impregnated rubber wheel (“Cratex”). DO NOT use an aluminum oxide rubber wheel! Wipe off metal surface with UBAR monomer at repair site. Avoid finger oil on the cleaned metal surfaces.

WARNING: Bonding Liner evaporates rapidly. Be sure to tightly close bottle immediately after use.

APPLYING “UBAR”™

Dispense appropriate amounts of “UBAR”™ monomer and powder into separate dappen dishes. Brush on liquid bonding liner in an even, thin layer onto the exposed, cleaned metal using a clean brush. (The reason for preparing the powder and monomer in advance is that once the bonding liner is applied, there will not be sufficient time to pour out the materials before the bonding liner loses its effectiveness!) **Immediately** after bonding liner application, dip a second, clean brush into the dappen dish containing the monomer in order to get it wet. Then dip the wet brush into the second dappen dish to pick up a bead of powder. Paint a **thin** layer of the wetted powder over the wet bonding liner. Do not add additional acrylic until this first layer has completely polymerized. (Approximately 10 minutes).

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NOTE WHEN HIDING CLASPS: In order to achieve an aesthetically pleasing masking of an exposed

clasp, it is **IMPORTANT TO CREATE AS THIN A LAYER OF ACRYLIC AS POSSIBLE**. PRIOR to brushing on the bonding liner, mix the appropriate tooth colors and the opaque powers TOGETHER to achieve the desired shade and opacity, and set aside in a dappen dish. Since the opaque powder will lighten the tooth colors, it may be necessary to select a darker shade of tooth color in order to make a successful match. (The reason for preparing the powder in advance is that once the bonding liner is applied, there will not be sufficient time to mix the colors before the bonding liner loses its effectiveness!) Then paint on the Bonding Liner and **IMMEDIATELY** thereafter, brush-dip on the pre-mixed tooth colored acrylic and monomer.

CURING

Allow this first acrylic layer to self-cure for 10 minutes on the bench. Due to the high density of "UBAR", pressure potting is not required. Additional acrylic (hard, soft, light-cured or pour) can be applied on top of this first layer using any standard method (pack, pour, salt & pepper, brush dip).

FINISHING & POLISHING

Finish and polish as usual. We recommend the use of ProTech Emery Powder™ and the **PROTECH ACRYLIC POLISHING & HI-SHINE BAR** for a luxurious long lasting shine.

PATIENT CARE

The patient should care for their prosthetic with the same degree of diligence as required for natural dentition. We strongly recommend that the prosthetic be cleaned with the **PROTECH PROSTHETIC CLEANER OR SMILE AGAIN® DENTURE CLEANER**. The use of this product will remove all stains, calcium and calculus without the damaging effects experienced with our denture cleaners.

PHYSICAL PROPERTIES

Adhesive Strengths** (psi)
of ProTech to these metals:

Specifications:

CoCr alloy..... 1991
Stainless alloy..... 2276
NiCr alloy..... 1708
AuAgPd alloy..... 1138
Ag alloy..... 2133

Curing time..... 4 minutes
Brinell hardness..... 14
Water sorption..... 0.65 mg/cm²

**Metal surfaces treated with 50 micron aluminum sand blast

PRODUCT INFORMATION

PROTECH "UBAR" EXPANDED KIT

Kit Contains:

- 80 g. fibered pink or clear resin powder
- 100 ml. monomer
- 7 ml. bonding liner
- Application brush

Expanded Kit contains all of the above plus:

- Bioform® shades 62, 65, 67, 69 and off-white opaque resin powder, or shades 66, 77, 81, light incisal and off-white opaque

Also available:

- Bioform® shades 59, 61, white opaque, and pink opaque resin powder

*U.S. Patent No. 4148988

CAUTION: U.S. FEDERAL LAW RESTRICTS THIS MATERIAL TO SALE BY OR ON THE ORDER OF A DENTIST