

NATURE-CRYL®

Family of Denture Base Materials

Experience the
beauty and strength
of nature



Since 1921

100 years of Quality in Dental



NATURE-CRYL® - Family of Denture Base Materials



Restoration courtesy of Eugene Koyzengurt, DTG



Restoration courtesy of Eugene Koyzengurt, DTG

The NATURE-CRYL® family of denture base materials consists of two High Impact denture materials, (NATURE-CRYL® SUPER HI IMPACT and NATURE-CRYL® HI-20ET), a self-curing denture base and repair material (NATURE-CRYL® POUR) and a microwaveable cure material (NATURE-CRYL® MC). For the first time, one brand of denture base materials is available to meet ALL the needs of the patient, dentist and laboratory.

Most Complete Range of Natural Looking Shades in the Industry

Each of the NATURE-CRYL® products are available in a harmonized shade system consisting of seven natural looking shades providing a comprehensive range of tissue colors including four of the most popular “pink” shades (characterized with fibers) and three™ heavily pigmented ethnic shades. Computer assisted shade matching assures aesthetically accurate upper and lower dentures, partial dentures, and denture relines and repairs across all NATURE-CRYL® shades.

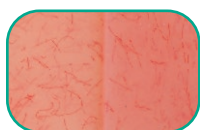
Utilize Any Laboratory Processing Techniques

It is available for use in the most popular processing techniques including heat cure, fast heat cure, microwave, pour, and reline and repair. Benefit from shade matching across all of the various laboratory-processing techniques!

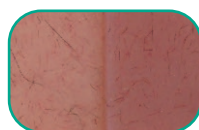
Latest Technological Advancements

All NATURE-CRYL® products feature cadmium free pigments, excellent physical properties, accurate fit and complete system shade matching. No matter which process you use, the NATURE-CRYL® system works for you.

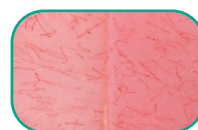
Available in 7 Different Shades



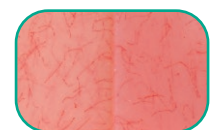
#11
Light Fibered+



#21
Moderate



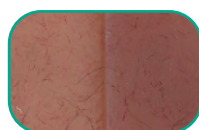
#34
Light



#36
Original



#20
Mild



#22
Heavy



#35 Light
Reddish Pink

NATURE-CRYL® SUPER HI IMPACT

NATURE-CRYL® SUPER HI IMPACT exceeds all of the requirements of Type 1 Class 1 denture base material. It is ultra high impact, cadmium free, and offers up to 20 minutes working time. NATURE-CRYL® SUPER HI IMPACT resists breakage, is easily finished and polished, has superior physical properties, and has a convenient two hour heat cure or overnight cure. NATURE-CRYL® SUPER HI IMPACT has superior impact strength that exceeds all other denture base resins on the market today.

Benefits

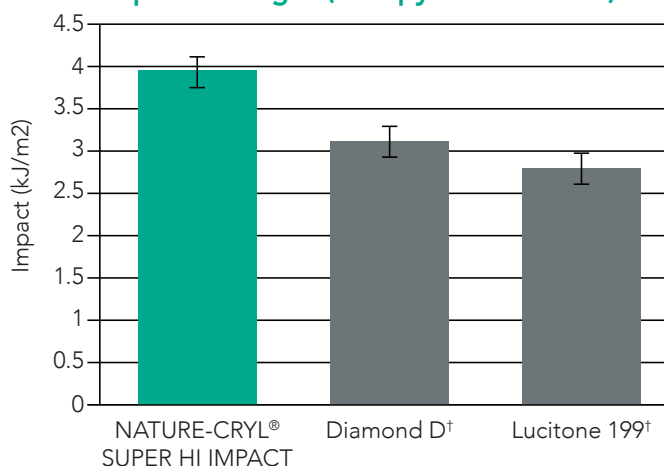
- Super high impact to resist breakage or chipping
- Easily finished and polished
- Superior physical properties
- Accurate fit
- Convenient two hour heat cure
- Overnight cure
- Available in seven different shades



"Because acrylic is the foundation for the entire removable case, my choice of acrylic is an important one. NATURE-CRYL® has strength I can depend on, in shades my doctors are familiar with, offering multiple curing options I appreciate. That's why I use NATURE-CRYL®!" -Tom Zaleske, Matrix Dental Lab

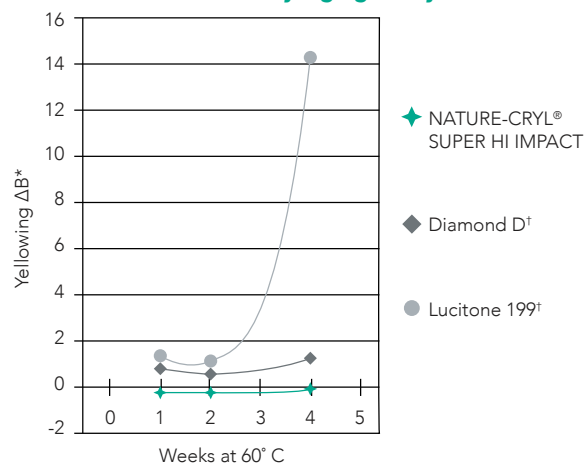
Physical Properties

Impact Strength (Charpy Test Method)



Data on file.

Color Stability Aging Study



Data on file.

NATURE-CRYL® HI-20ET

NATURE-CRYL® HI-20ET is an extremely versatile material, complies with the requirements of ISO 1567 Type 1 Class 1 denture base material and exceeds the ISO 1567 threshold for high impact strength. NATURE-CRYL® HI-20ET's 20 minute cure cycle makes it convenient and denture sections (up to 85mm) can be processed without exothermic porosity. This denture base material can also be processed using conventional two hour or overnight curing cycles. NATURE-CRYL® HI-20ET high impact denture resin's innovative polymer chemistry allows an extended working time of 1 to 1.5 hours at room temperature. This long working time makes it suitable for use with injection techniques.



Benefits

- High impact strength to resist breakage
- Easily finished and polished
- Accurate fit
- 20 minute cure
- Conventional two hour cure
- Overnight curing
- Extended working time
- Can be kept overnight if refrigerated
- Economical



Restoration courtesy of Daniel Hardy, CDT, DTG

NATURE-CRYL® MC

NATURE-CRYL® MC is a denture acrylic resin specially created for microwave curing. This material complies with the requirements of ISO 1567 Type 5 denture base material. NATURE-CRYL® MC is handled just like conventional resins up to the point of curing. The microwave makes curing easier than conventional methods. Now three minutes and a standard 500 watt microwave are all you need to cure higher quality and more precise dentures. NATURE-CRYL® MC eliminates the hours of waiting for conventional water bath curing, while increasing the accuracy and strength of denture bases.



Benefits

- Quick and convenient three minute microwave curing
- No air bubbles or porosity
- Accurate fit
- High strength with excellent physical properties
- Low water absorption
- No staining or color change



Restoration courtesy of Tom Zaleske

NATURE-CRYL® POUR

NATURE-CRYL® POUR is used to process complete or partial dentures, and it also can be used as a laboratory relined and repair material. This material complies with the requirements of ISO 1567 Type 2 Class 2 denture base material. Versatile NATURE-CRYL® POUR is the ideal product for the fluid resin technique and since it perfectly matches all NATURE-CRYL® System shades, it is the repair resin of choice for all NATURE-CRYL® denture base resins.

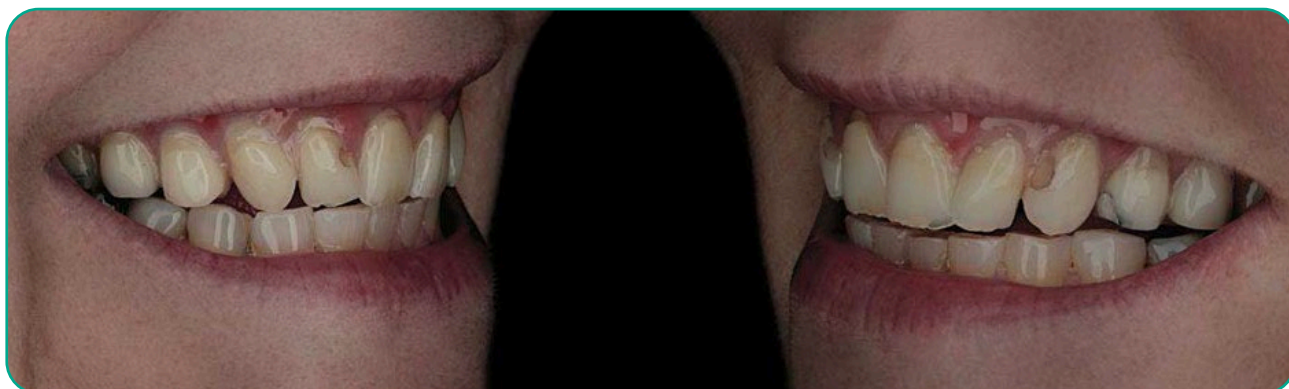


Benefits

- Flask invested with hydrocolloid or alginate
- Stone not required for investing, easier to deflask
- Pressure Units recommended for curing
- Can be used for making orthodontic appliances, splints, mouth guards and retainers



Restoration courtesy of Tom Zaleske



Restoration courtesy of Miles Cone DMD, MS, FACP, CDT and Veronika Kreckova, CDT

NATURE-CRYL® & GRADIA® gum shades

Now with NATURE-CRYL® and GRADIA® gum shades, you can characterize and customize your removable prostheses outside of the flask.



Wide Range of Indications

GRADIA® gum shades are specialized light-curable microcomposite that can reproduce gingival tissues for indications such as implant superstructures and other fixed or removable prostheses like crowns, bridges, dentures and partial dentures.

Strong, Durable and a Variety of Shades

The strength, durability and handling properties of GRADIA® gum shades are all very similar to GRADIA®. It also has a wide variety of red shades so you can closely match a gingival tissue regardless of their age or ethnicity.

Perfect Together

Three Composite Viscosities

To reproduce different areas of gingival tissue, the GRADIA® gum shades composite comes in three viscosities;

- a liquid (GRADIA® gum shades Opaque)
- a paste (GRADIA® gum shades Body)
- a gel (GRADIA® gum shades Modifier and GRADIA® gum shades Translucent).

When combined with the harmonized color system, you get an almost unlimited number of color and texture combinations.

Easy-to-Build

Just like GRADIA®, GRADIA® gum shades has only one simple build-up procedure for standard or multi-layer techniques so you don't have to adjust your technique for different indications. Each step is repeated and pre-cured according to specific pre-set curing times and that's all there is to it!

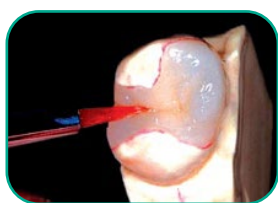


NATURE-CRYL® & OPTIGLAZE™



OPTIGLAZE™ For an Aesthetic Glossy Finish

For a simplified finishing process, GC has developed a new coating agent called OPTIGLAZE™, which provides an aesthetic glossy surface on artificial teeth, removable dentures, temporary crowns, and individual acrylic trays. It can be used in difficult to polish areas, such as posterior fissures or interproximal areas of indirect composite restorations. Instead of mechanical polishing, take the easier option and get higher quality final gloss with OPTIGLAZE™.



NATURE-CRYL® & OPTIGLAZE™ color

OPTIGLAZE™ color: A Light-Cured Characterization Coating

Designed for composite and acrylic indirect restorations. OPTIGLAZE™ color is a revolutionary new material developed specifically to stain and glaze your CERASMART® milled blocks, composite, acrylic, and PMMA type materials. You can now change shades, shift value, characterize, create effects and glaze all your resin type prosthetics in no time. Best of all, offer your dentists and patients a more beautiful and aesthetic restoration that will last due to GC's innovative new homogeneously dispersed nano filler technology.



Restoration courtesy of Arian Deutch CDT, DTG



NATURE-CRYL®

Ordering Information

NATURE-CRYL® SUPER HI IMPACT 1:1 Packages

Contains: One (1 lb) package of powder and one (300 mL) bottle of liquid.

349809 Light Fibered	349813 Light
349810 Mild	349814 Light Red
349811 Moderate	349815 Original
349812 Heavy	

NATURE-CRYL® SUPER HI IMPACT Liquid Refills

349808 Liquid (8 oz)	349723 Liquid (32 oz)
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NATURE-CRYL® MC 1:1 Packages

Contains: One (1 lb) powder and one (8 oz) liquid.

349660 Light Fibered+	349664 Light
349661 Mild	349665 Light Reddish Pink
349662 Moderate	349666 Original
349663 Heavy	349667 Clear

NATURE-CRYL® MC Liquid Refills

349659 Liquid (8 oz)	349679 Liquid (32 oz)
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NATURE-CRYL® HI-20ET 1:1 Packages

Contains: One (1 lb; 454 g) powder and 1 (8 oz; 237 mL) of liquid.

349710 Light Fibered+	349714 Light
349713 Mild	349715 Light Reddish Pink
349711 Moderate	349716 Original
349712 Heavy	

NATURE-CRYL® HI-20ET Liquid Refills

349709 Liquid (8 oz)	349729 Liquid (32 oz)
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NATURE-CRYL® POUR 1:1 Packages

Contains: One (1 lb) package of powder and one (300 mL) bottle of liquid.

349839 Light Fibered+	349836 Light
349832 Mild	349837 Light Reddish Pink
349833 Moderate	349838 Original
349834 Heavy	

NATURE-CRYL® SUPER HI IMPACT 5-Pound Powder Packages

Contains: One (5 lbs) powder per package.

349816 Light Fibered	349820 Light
349817 Mild	349821 Light Reddish Pink
349818 Moderate	349822 Original
349819 Heavy	

NATURE-CRYL® SUPER HI IMPACT 25-Pound Powder Packages

Contains: One (25 lbs) powder per package.

349824 Light Fibered	349826 Light
349828 Mild	349827 Light Reddish Pink
349829 Moderate	349825 Original
349830 Heavy	

NATURE-CRYL® MC 5-Pound Powder Packages

Contains: One (5 lbs) of powder per package.

349670 Light Fibered+	349674 Light
349671 Mild	349675 Light Reddish Pink
349672 Moderate	349676 Original
349673 Heavy	349677 Clear

NATURE-CRYL® HI-20ET 5-Pound Powder Packages

Contains: One (5 lbs; 2.3 kg) powder per package.

349720 Light Fibered+	349724 Light
349723 Mild	349725 Light Reddish Pink
349721 Moderate	349726 Original
349722 Heavy	

NATURE-CRYL® POUR Liquid Refills

349831 Liquid (300 mL)	349779 Liquid (32 oz)
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NATURE-CRYL® POUR 5-Pound Powder Packages

Contains: One (5 lbs) powder per package.

349770 Light Fibered+	349774 Light
349771 Mild	349775 Light Reddish Pink
349772 Moderate	349776 Original
349773 Heavy	

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