QUALITY DENTAL PRODUCTS
Prime Dental Manufacturing, Inc. was established August 1999 in Chicago, IL. PDM is a privately owned company located at 4555 W. Addison St., Chicago, IL, USA. The facility houses PDM research and development laboratories, sales and marketing, manufacturing, customer service and warehouse operations.

PDM’s mission has been to provide high quality products for the dental profession. Our goal is to provide the highest quality dental materials along with custom packaging and delivery operations coupled with after the sale service and delivery.

BROAD SELECTION
Our broad line of cosmetic and restorative materials include light and chemical cure composites, flowable composites, light and chemical cure bonding agents, core build-up materials, resin glass ionomer cements, orthodontic bonding adhesives and mixing and placements accessories. We offer several different kit set-ups and delivery options to suit the needs of your specific customers and markets. Count on PDM to guide you and your dental practitioners to cost effective products that meet the demands of today’s dentists and their patients.

PRICING
All prices are FOB from our shipping point, Chicago, IL USA. Freight costs are added to the invoice. Current prices are confirmed at time of ordering. All prices and specifications are subject to change without notice. We periodically offer special discounts and promotions, call us for more information.

PDM GUARANTEE
You must be totally satisfied with any product you purchase from PDM. If for any reason you are dissatisfied, contact us for a return merchandise authorization number and return shipping instructions. Full credit will be issued on returns within 30 days. A 15% restocking fee is charged on any goods returned after 30 days. PDM only ships factory fresh materials, therefore products with less than half the remaining shelf life will not be accepted for full credit.

To order call: 773.283.2914
You may also fax your order at anytime to 773-283-3085
Or e-mail your order to primedental@hotmail.com
Office Hours: Monday through Friday: 7:00am - 5:00pm CST
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PRIME-DENT®
NANO-HYBRID COMPOSITE

• Easy to control during placement.
• Not sensitive to ambient light.
• Adapts well to cavity preparations.
• Does not stick to the placement instruments.
• Can be contoured to the desired shape before curing.
• Highly rated for blending with tooth structure, radiopacity, and ease of finishing.
• Finished and polished to a high luster.
• Fluoride release.

DESCRIPTION
A new resin composite with unique nanofiller technology. Formulated with nanocluster filler particles, the composite is purposed to combine the strength of a hybrid and the polish of a microfill. Nanomers are discrete nanogglomerated particles of 7 nm in size. Nanoclusters are loosely bound agglomerates of nano-sized particles. The agglomerates act as a single combination of non-agglomerated 7 nm nanosilica filler and aggregated schott glass/silica nanocluster filler. The cluster particle size range is .7 microns. The filler loading is 74% by weight. This reportedly provides increased filler loading, better physical properties and improved polish retention when compared to composites containing only nanoclusters.

TECHNICAL DATA
Filler content 74% by weight
Shrinkage 2.20% by vol.
Depth of cure 3mm/40 sec.
ISO 4049
Radiopacity 250% Al
ISO 4049

KITS
Prime-Dent® Nano-Hybrid Composite 7 Syringes ............ 001-610
7 x 4.5 g syringes (A1, A2, A3, A3.5, B2, C1, U0),
7 ml One-Step Bonding Adhesive Bottle, Accessories
Prime-Dent® Nano-Hybrid Composite 4 Syringes ............ 001-614
4 x 4.5 g syringes (A2, A3, A3.5, B2), 7 ml One-Step
Bonding Adhesive Bottle, Accessories
Prime-Dent® Nano-Hybrid Composite 2 Syringes ............ 001-616
2 x 4.5 g syringes (A2, A3), 7 ml One-Step Bonding
Adhesive Bottle, Accessories

Refills 4.5 g
Syringes: Shades: Compute Refills
001-601A1 A1 001-619A1
001-601A2 A2 001-619A2
001-601A3 A3 001-619A3
001-601A3.5 A3.5 001-619A3.5
001-601A4 A4 001-619A4
001-601B1 B1 001-619B1
001-601B3 B3 001-619B3
001-601B4 B4 001-619B4
001-601C1 C1 001-619C1
001-601C2 C2 001-619C2
001-601C3 C3 001-619C3
001-601C4 C4 001-619C4
001-601D1 D1 001-619D1
001-601D2 D2 001-619D2
001-601D3 D3 001-619D3
001-601D4 D4 001-619D4
001-601I Incisal 001-619I
001-601O Opaque 001-619O
001-601OA2 OA2 001-619OA2
001-601OA3 OA3 001-619OA3
001-601OA3.5 OA3.5 001-619OA3.5
001-601NT Natural Translucent 001-619NT
001-601DT Dark Translucent 001-619DT
001-601CT Clear Translucent 001-619CT
001-601IT Incisal Translucent 001-619IT

THE DENTAL ADVISOR

Flexural Strength (MPa)
Compressive Strength (MPa)
Diametral Tensile Strength (MPa)
Polymerization Shrinkage %

Kits
Prime-Dent® Nano-Hybrid Composite 7 Syringes ............ 001-610
7 x 4.5 g syringes (A1, A2, A3, A3.5, B2, C1, U0),
7 ml One-Step Bonding Adhesive Bottle, Accessories
Prime-Dent® Nano-Hybrid Composite 4 Syringes ............ 001-614
4 x 4.5 g syringes (A2, A3, A3.5, B2), 7 ml One-Step
Bonding Adhesive Bottle, Accessories
Prime-Dent® Nano-Hybrid Composite 2 Syringes ............ 001-616
2 x 4.5 g syringes (A2, A3), 7 ml One-Step Bonding
Adhesive Bottle, Accessories

Refills 4.5 g
Syringes: Shades: Compute Refills
001-601A1 A1 001-619A1
001-601A2 A2 001-619A2
001-601A3 A3 001-619A3
001-601A3.5 A3.5 001-619A3.5
001-601A4 A4 001-619A4
001-601B1 B1 001-619B1
001-601B3 B3 001-619B3
001-601B4 B4 001-619B4
001-601C1 C1 001-619C1
001-601C2 C2 001-619C2
001-601C3 C3 001-619C3
001-601C4 C4 001-619C4
001-601D1 D1 001-619D1
001-601D2 D2 001-619D2
001-601D3 D3 001-619D3
001-601D4 D4 001-619D4
001-601I Incisal 001-619I
001-601O Opaque 001-619O
001-601OA2 OA2 001-619OA2
001-601OA3 OA3 001-619OA3
001-601OA3.5 OA3.5 001-619OA3.5
001-601NT Natural Translucent 001-619NT
001-601DT Dark Translucent 001-619DT
001-601CT Clear Translucent 001-619CT
001-601IT Incisal Translucent 001-619IT

KITS
Prime-Dent® Nano-Hybrid Composite 7 Syringes ............ 001-610
7 x 4.5 g syringes (A1, A2, A3, A3.5, B2, C1, U0),
7 ml One-Step Bonding Adhesive Bottle, Accessories
Prime-Dent® Nano-Hybrid Composite 4 Syringes ............ 001-614
4 x 4.5 g syringes (A2, A3, A3.5, B2), 7 ml One-Step
Bonding Adhesive Bottle, Accessories
Prime-Dent® Nano-Hybrid Composite 2 Syringes ............ 001-616
2 x 4.5 g syringes (A2, A3), 7 ml One-Step Bonding
Adhesive Bottle, Accessories

Flexural Strength (MPa)
Compressive Strength (MPa)
Diametral Tensile Strength (MPa)
Polymerization Shrinkage %
PRIME-DENT®
MICRO-HYBRID COMPOSITE

DESCRIPTION
A light cured resin-based dental restorative composite which contains approximately 76% by weight (60% by volume) inorganic filler with an average particle size of 0.7 microns. Ideally suited for anterior and posterior restorations. With high polish, handling characteristics and esthetic properties most preferred by dentists.

Refills 4.5 g Syringes:
- 001-401A1 A1 001-419A1
- 001-401A2 A2 001-419A2
- 001-401A3 A3 001-419A3
- 001-401A3.5 A3.5 001-419A3.5
- 001-401A4 A4 001-419A4
- 001-401B1 B1 001-419B1
- 001-401B3 B3 001-419B3
- 001-401B4 B4 001-419B4
- 001-401C1 C1 001-419C1
- 001-401C2 C2 001-419C2
- 001-401C3 C3 001-419C3
- 001-401C4 C4 001-419C4
- 001-401D2 D2 001-419D2
- 001-401D3 D3 001-419D3
- 001-401D4 D4 001-419D4
- 001-401I Incisal 001-419I
- 001-401O Opaque 001-419O
- 001-401OA2 OA2 001-419OA2
- 001-401OA3 OA3 001-419OA3
- 001-401OA3.5 OA3.5 001-419OA3.5
- 001-401OA4 OA4 001-419OA4

Syringes:
- 001-410 KITS

Prime-Dent® Micro-Hybrid Composite 7 Syringe Kit……001-410
7 x 4.5 g syringes (A1, A2, A3, A3.5, B2, C1, UO),
7 ml One-Step Bonding Adhesive Bottle,
7 ml Light Cure Composite Surface Sealant, 4 gm Etchant Gel Syringe, and Accessories

Prime-Dent® Micro-Hybrid Composite 4 Syringe Kit……001-414
4 x 4.5 g syringes (A2, A3, A3.5, B2), 7 ml One-Step Bonding Adhesive Bottle, 7 ml Light Cure Composite Surface Sealant, 4 g Etchant Gel Syringe, and Accessories

Prime-Dent® Micro-Hybrid Composite 2 Syringe Kit……001-416
2 x 4.5 g syringes (A2, A3), 3 ml One-Step Bonding Adhesive Bottle, 1.2 ml Etchant Gel Syringe, and Accessories

KITS

Flexural Strength (MPa)

Diametral Tensile Strength (MPa)

Compressive Strength (MPa)

www.primedentalmfg.com
PRIME-DENT®
HYBRID COMPOSITE

DESCRIPTION
A light cured resin-based composite used for all types of cavity preparations. An ideal choice for both anterior and posterior applications! Easy to mold, sculpt and polish to a high luster. Has high compressive strength as well as low shrinkage and resists wear and staining. Radiopaque for easy identifications in radiographs! Incisal (translucent), and dentin (opaque) shades available.

PRODUCT INFORMATION
• Available in 15 Vita Shades
• High viscosity non-sticky formula for optimum handling
• Hybrid formula provides strength and polishability
• Fast, deep light activation in only 20 seconds for lighter shades (ex: A1, A2, B1, etc.)
• Radiopaque

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KITS
Prime-Dent® Hybrid Composite 7 Syringe Kit . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ..
**PRIME-DENT®**

**FLOWABLE COMPOSITE**

**DESCRIPTION**
Highly polishable, 67% filled, esthetic composite used for all types of cavity preparations.

The composite has a nominal particle size of 0.7 micron. An ideal choice for both anterior and posterior applications as well as use as a pit and fissure sealant. Ideal for repairing small defects and filling in cervical gaps caused by toothbrush erosion and receding gums.

Also used to eliminate undercuts prior to taking impressions for composite inlays and to line cavities and fill in difficult access areas prior to placing condensable composites.

Easy to polish to a high luster. Has high compressive strength as well as low shrinkage and resist wear and staining. Radiopaque for easy identification in radiographs.

**BENEFITS:**
- Available in 17 Vita Shades
- Micro-Hybrid formula provides strength and polishability
- Fast, deep light activation in only 30 seconds for lighter shades (ex: A1, B1, etc). Deep light activation in 40 seconds for darker shades (ex: A3, A3.5)
- Radiopaque
- Fluoride releasing
- Low Shrinkage
- High Compressive Strength

**Weight/Volume** 67% / 54%
**Compressive Strength** 290 MPa
**Diametral Tensile Strength** 47 MPa
**Flexural Strength** 125 MPa

---

**4 SYRINGE KIT**
4 x 2 g syringes, 20 dispensing tips, and IFU

**REFILLS**
2 g Syringes

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### PRIME-DENT®

**CHEMICAL CURE COMPOSITE**

#### KITS

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<th>Kit Description</th>
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<td>5 g Catalyst Paste Jar, 5 g Base Paste Jar, and Accessories</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Chemical Cure Composite Kit 7/7</td>
<td>002-004</td>
</tr>
<tr>
<td>7 g Catalyst Paste Jar, 7 g Base Paste Jar</td>
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</tr>
<tr>
<td>Prime-Dent® Chemical Cure Composite Kit 7/7 with Bonding Resin</td>
<td>002-005</td>
</tr>
<tr>
<td>7 g Catalyst Paste Jar, 7 g Base Paste Jar, 3 ml Catalyst Bonding Resin Bottle, 3 ml Etchant Liquid Bottle, and Accessories</td>
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<tr>
<td>Prime-Dent® Chemical Cure Composite Kit 30/30</td>
<td>002-017</td>
</tr>
<tr>
<td>30 g Catalyst Paste Jar, 30 g Base Paste Jar, and Accessories</td>
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</tr>
<tr>
<td>Prime-Dent® Chemical Cure Composite Kit 30/30 with Bonding Resin</td>
<td>002-018</td>
</tr>
<tr>
<td>30 g Catalyst Paste Jar, 30 g Base Paste Jar, 3 ml Catalyst Bonding Resin Bottle, 3 ml Etchant Liquid Bottle, and Accessories</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Chemical Cure Composite Kit 1.5/1.5</td>
<td>002-022</td>
</tr>
<tr>
<td>1.5 g Catalyst Paste Jar, 1.5 g Base Paste Jar, and Accessories</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Chemical Cure Composite Kit 1.5/1.5 with Bonding Resin</td>
<td>002-023</td>
</tr>
<tr>
<td>1.5 g Catalyst Paste Jar, 1.5 g Base Paste Jar, 3 ml Catalyst Bonding Resin Bottle, 3 ml Etchant Liquid Bottle, and Accessories</td>
<td></td>
</tr>
</tbody>
</table>

#### DESCRIPTION

A highly filled, non-sticky, self curing, hybrid, anterior/posterior composite filling material. It is a convenient universal shade, paste/paste system.

The restorative has high strength (270 MPa compressive) with low water sorption and solubility.

The material can be condensed into the cavity preparation up to the enamel-dentinal joint as a base layer or be filled to the cavo-surface margin for a complete self cure composite restoration. Quick setting eliminates time spent with incremental placement of light cure materials.

#### REFILLS

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalyst Paste</td>
<td>002-050</td>
</tr>
<tr>
<td>15 g Jar</td>
<td></td>
</tr>
<tr>
<td>Base Paste</td>
<td>002-051</td>
</tr>
<tr>
<td>15 g Jar</td>
<td></td>
</tr>
<tr>
<td>Catalyst Paste</td>
<td>002-052</td>
</tr>
<tr>
<td>30 g Jar</td>
<td></td>
</tr>
<tr>
<td>Base Paste</td>
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<td>Base Paste</td>
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<td>Base Paste</td>
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<tr>
<td>3 g Jar</td>
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</tr>
<tr>
<td>Base Paste</td>
<td>002-059</td>
</tr>
<tr>
<td>3 g Jar</td>
<td></td>
</tr>
</tbody>
</table>
PRIME-DENT®
ZINC OXIDE EUGENOL CEMENT

DESCRIPTION
This material is a non-irritating formulation for the temporary cementation of crowns and bridges.

It is presented in the form of a powder and liquid. Strong adhesion and easy removal.

KIT
Prime-Dent® Zinc Oxide Eugenol Cement Kit . . . . . 010-080
21 g Powder, 7.5 ml Liquid, and Accessories

REFILLS
Prime-Dent® Zinc Oxide Eugenol Cement Powder . . . 010-081
21 g Jar
Prime-Dent® Zinc Oxide Eugenol Cement Liquid . . . . 010-082
7.5 ml Bottle

PRIME-DENT®
COPAL VARNISH

DESCRIPTION
Insulates against thermal and electric shock. Provides a strong bond between dentin and restoration.

Chloroform free formula of varnish and sealant.

Prime-Dent® Copal Varnish . . . . . . . . . . . . . . . . . . . . . 010-051
15 ml Bottle

PRIME-DENT®
COPAL VARNISH
SOLVENT

DESCRIPTION
Insulates against thermal and electric shock. Provides a strong bond between dentin and restoration.

Chloroform free formula of varnish and sealant.

Prime-Dent® Copal Varnish Solvent . . . . . . . . . . . 010-050
15 ml Bottle
This cement may be used for:

Cementation of crowns, bridges and splints. Retention of temporary crowns, sealing dressing in teeth during root canal therapy procedures. Trial cementation of permanent restorations prior to final insertion. Testing of interproximal contact prior to final placement.

Insoluble in mouth fluids and retains a tight marginal seal to prevent seepage of these fluids under the restoration. The cement will withstand functional stresses and permit ease of removal.

In addition it has sufficient flow to facilitate complete seating of the restorations. The product is intended for use less than 30 days.

Features and Benefits

- Automix syringe system
- Automix syringe prevents air bubbles
- Different outlets prevent cross contamination
- Efficient mixing reduces waste
- Radiopaque
- Non-Eugenol for use in cases where a Eugenol temporary cement is not recommended
- Protects the gingival tissue
- Salivan resistant
- Excellent handling properties
- Sewrely resist the forces of mastication to enhance patients comfort.
Now more convenient with the new handheld automix syringe.

AUTOMIX SYRINGE KITS AND REFILLS
Prime-Dent® Temporary Cement NE 4 Syringe Kit ................................. 023-013
4 x 6 g Cement Syringes, 20 Mixing Tips, and IFU
Prime-Dent® Temporary Cement NE 1 Syringe Kit ................................. 023-012
6 g Cement Syringe, 5 Mixing Tips, and IFU
Prime-Dent® Temporary Cement NE 6 g Syringe Refill ................................. 023-014
Mixing Tips 25 per Bag ................................................................. 003-044

AUTOMIX CARTRIDGE KITS AND REFILLS
Prime-Dent® Temporary Cement NE 32 g Cartridge Kit ................................. 023-010
32 g Cement Cartridge, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Temporary Cement NE 32 g Cartridge Refill ................................. 023-011
Mixing Tips 50 per Bag ................................................................. 003-041
Intra Oral Tips 50 per Bag ................................................................. 003-042

MANUAL MIX KITS AND REFILLS
Prime-Dent® Temporary Cement NE Kit 15 g/15 g ................................. 023-009
15 g Catalyst Paste Jar, 15 g Base Paste Jar, and Accessories
Prime-Dent® Temporary Cement Catalyst Paste 15 g Jar Refill ......................... 023-008
Prime-Dent® Temporary Cement Base Paste 15 g Jar Refill ......................... 023-007
Prime-Dent®
GLASS IONOMER CEMENT
POWDER/LIQUID SYSTEM

DESCRIPTION
An advanced formulation designed as a multi-purpose final cement for the
cementation of crowns, bridges, inlays and onlays, as well as certain
orthodontic applications.

The cement chemically bonds to enamel, dentin and metal structures. Ideal
for use as a liner under composite, amalgam or porcelain restorations where
a thin lining is indicated.

The cement is radiopaque and has cariostatic properties by naturally releasing
fluoride.

<table>
<thead>
<tr>
<th>Prime-Dent® Glass Ionomer Cement Kit</th>
<th>010-020</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 g Powder Bottle, 17.5 ml Liquid Bottle, Measuring Scoop, Mixing Pad, and IFU</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Glass Ionomer Cement Refill</td>
<td>010-021</td>
</tr>
<tr>
<td>18 g Powder Bottle</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Glass Ionomer Cement Refill</td>
<td>010-022</td>
</tr>
<tr>
<td>17.5 ml Liquid Bottle</td>
<td></td>
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</table>

PRIME-CROWN™

DESCRIPTION
A self cured bis-acryl auto-mix system with low viscosity, composed of
Ethoxylated, Bis-gma multifunctional methacrylate esters, glass filler and
nanofiller for a simple alternative to traditional materials.

Produces minimal odor, shrinkage, and heat generation. Good wear resistance
for better esthetics and translucency. Obtaining a smooth surface for esthetic
appearance and protection against staining with a satisfactory working
time.

BENEFITS
* High Polish
* High Compressive Strength
* Six Popular Vita Shades: A1, A2, A3, A3.5, B1, B2
* Low Shrinkage
* Low Heat Generation

Technical Data
* Compressive strength: 340 Mpa
* Transverse strength: 76 Mpa
* Vickers Hardness: 25 Mpa
* Linear polymerization shrinkage: 18%
* Radiopaque: Yes

Prime-Crown® Kit
90 g Cartridge and 20 Mixing Tips
A1 .............................................................. 100-103A1
A2 .............................................................. 100-103A2
A3 .............................................................. 100-103A3
A3.5 ............................................................ 100-103A3.5
B1 .............................................................. 100-103B1
B2 .............................................................. 100-103B2

Prime-Crown® 90 g Cartridge Refill
(MIXING TIPS NOT INCLUDED)
A1 .............................................................. 100-104A1
A2 .............................................................. 100-104A2
A3 .............................................................. 100-104A3
A3.5 ............................................................ 100-104A3.5
B1 .............................................................. 100-104B1
B2 .............................................................. 100-104B2
Prime-Crown® Mixing Tips 25/Bag ........................................... 100-108
**Prime-Dent® POLYCARBOXYLATE CEMENT**

**DESCRIPTION**
Used primarily for final cementation of crowns and bridges. This luting cement has good biocompatibility, low film thickness of 13-18 microns and good insulating characteristic.

Material of choice for sensitive teeth and for preparations close to the pulp.

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**Prime-Dent® Zinc Phosphate Cement**

**DESCRIPTION**
A very high strength permanent cement (131MPa Compressive Strength) representing perhaps the oldest and most well accustomed cement still in use.

It also provides a good insulating layer against thermal shock.
DESCRIPTION
The cement is for use in final cementations of implant prosthesis, crown and bridges, inlays, onlays, veneers, cementation of post & pins and periodontal splinting.

FEATURES & BENEFITS

Quick Cementation

Automix Handheld Syringe
- Convenient, economical and especially useful for multi-operatory practices.
- No mixing, no air bubbles, no wasted material due to over mixing.
- Ensures, predictable, accurate, consistent and homogenous mix every time.

Minimal Heat Generated
- Protects pulps

Radiopaque
- Easy identification on x-rays

Low Film Thickness
- Provides easy placement of crowns and bridges.

Fluoride Release
- Reduces secondary caries.

Physical Properties
Composition
Glass ionomer in a Bis-GMA based matrix of dental resins, activator, catalyst and pigments.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Time</td>
<td>2 minutes</td>
</tr>
<tr>
<td>Setting Time</td>
<td>5 minutes</td>
</tr>
<tr>
<td>Compressive strength</td>
<td>266 MPa</td>
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<tr>
<td>Flexural Strength</td>
<td>133 MPa</td>
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</table>
AUTOMIX SYRINGE KITS AND REFILLS
Prime-Dent® Composite Luting Cement DC 4 Syringe Kit (A2) ........................................ 100-100
4 x 10 g Syringes Shade A2, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 2 Syringe Kit (A2) ........................................ 100-114
2 x 10 g Syringes Shade A2, 10 Mixing Tips, 10 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 1 Syringe Kit (A2) ........................................ 100-101
10 g Syringe Shade A2, 5 Mixing Tips, 5 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 4 Syringe Kit (A4) ........................................ 100-110
4 x 10 g Syringes Shade A4, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 2 Syringe Kit (A4) ........................................ 100-115
2 x 10 g Syringes Shade A4, 10 Mixing Tips, 10 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 1 Syringe Kit (A4) ........................................ 100-111
10 g Syringe Shade A2, 5 Mixing Tips, 5 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 4 Syringe Kit (BLUE) ................................... 100-112
4 x 10 g Syringes Shade BLUE, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 2 Syringe Kit (BLUE) ................................... 100-116
2 x 10 g Syringes Shade BLUE, 10 Mixing Tips, 10 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 1 Syringe Kit (BLUE) ................................... 100-113
10 g Syringe Shade BLUE, 5 Mixing Tips, 5 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 4 Syringe Kit (WHITE OPAQUE) ................ 100-119
4 x 10 g Syringes Shade WHITE OPAQUE, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 2 Syringe Kit (WHITE OPAQUE) ................ 100-120
2 x 10 g Syringes Shade WHITE OPAQUE, 10 Mixing Tips, 10 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 1 Syringe Kit (WHITE OPAQUE) ............... 100-121
10 g Syringe Shade WHITE OPAQUE, 5 Mixing Tips, 5 Intra Oral Tips, and IFU
Prime-Dent® Composite Luting Cement DC 10 g Syringe Refill (A2) ............................ 100-102
Prime-Dent® Composite Luting Cement DC 10 g Syringe Refill (A4) ............................ 100-117
Prime-Dent® Composite Luting Cement DC 10 g Syringe Refill (BLUE) ......................... 100-118
Prime-Dent® Composite Luting Cement DC 10 g Syringe Refill (WHITE OPAQUE) ........ 100-122
Mixing Tips 25 Mixing Tips and 25 Intra Oral Tips Included ........................................ 003-046
Mixing Tips 25 Mixing Tips and 25 FINE Intra Oral Tips Included ................................. 003-047

MANUAL MIX KITS AND REFILLS
Prime-Dent® Composite Luting Cement DC 4 Syringe Kit ................................. 015-022
2 x 5 g Catalyst Paste Syringes, 2 x 5 g Base Paste Syringes, 3 ml Catalyst Bonding Resin Bottle, 3 ml Base Bonding Resin Bottle, 4 g Etchant Gel Syringe, and Accessories
Prime-Dent® Composite Luting Cement DC 2 Syringe Kit ................................. 009-021
5 g Catalyst Paste Syringe, 5 g Base Paste Syringe, and Accessories
Prime-Dent® Composite Luting Cement DC 5 g Base Paste Syringe Refill ... 009-022
Prime-Dent® Composite Luting Cement DC 5 g Catalyst Paste Syringe Refill ... 009-023
Prime-Dent®
SURGICAL CEMENT

DESCRIPTION
Consists of a powder and liquid that is a multi-purpose periodontal dressing and cement. It’s used for dry socket and extraction therapy and may be used as a temporary filling material or temporary cement. Sets slowly out of the mouth but more quickly with contact of water or saliva. Promotes healing and has a soothing effect.

Prime-Dent® Surgical Cement Kit
4 oz. Powder / 2 oz. Liquid Kit ............................. 024-020

Prime-Dent® Surgical Cement Refill
4 oz. Powder Bottle ............................. 024-021
2 oz. Liquid Bottle ............................. 024-022

Prime-Dent®
ZINC OXIDE EUGENOL CEMENT REINFORCED MATERIAL (WITH FIBER)

DESCRIPTION
This cement has a sedative effect on the pulp and is especially useful for cementation on prepared teeth with exposed dentinal tubules. The addition of polymers as reinforcing agents has transformed it into a final cement and intermediate restorative material with a compressive strength of 5400 psi. Offers excellent adhesion and easy removal.

Prime-Dent® Zinc Oxide Eugenol Cement Reinforced Material (with Fiber) Kit
50 g Powder Jar, 15 ml Liquid Bottle, and Accessories ............................. 010-090

Prime-Dent® Zinc Oxide Eugenol Cement Reinforced Material (with Fiber) Refill
50 g Powder Jar ............................. 010-091
15 ml Liquid Bottle ............................. 010-092

Prime-Dent®
GI RESTORATIVE RADIOPAQUE GLASS IONOMER RESTORATIVE CEMENT

DESCRIPTION
A self-cured glass ionomer restorative. Its high surface hardness provides for a durable restoration.

• Available in Multiple shades
• Radiopaque
• Fluoride release
• Superior tear and bond strengths

Prime-Dent® GI Restorative Kit 18 g/17.5 ml ............................. 010-060
18 g Powder Bottle, 17.5 ml Liquid Bottle, and Accessories
Prime-Dent® GI Restorative Kit 10 g/6 ml ............................. 010-061
10 g Powder Bottle, 6 ml Liquid Bottle, and Accessories
Prime-Dent® GI Restorative Refill ............................. 010-062
18 g Powder Bottle
Prime-Dent® GI Restorative Refill ............................. 010-063
17.5 ml Liquid Bottle
Prime-Dent® GI Restorative Refill ............................. 010-064
10 g Powder Bottle
Prime-Dent® GI Restorative Refill ............................. 010-065
6 ml Liquid Bottle

customer care 1.773.283.2914
Prime-Dent®

LIGHT CURE
ONE STEP DENTIN/ENAMEL BONDING ADHESIVE

DESCRIPTION
A 5th generation, single component, multi-use adhesive, which is hydrophilic and suitable for use on moist dentin (wet bonding technique).

The adhesive incorporates aspects of a primer and bonding resin in a single bottle designed to bond composites and compomers to dentin and enamel as well as treated amalgam, metal and ceramic surfaces.

After etching, penetration and saturation of the dentin and enamel are accomplished in 2 to 3 coats.

Prime-Dent® Light Cure One-Step Dentin Enamel Bonding Adhesive
7 ml Bottle ................................................................. 006-030
3 ml Bottle ................................................................. 006-032

Prime-Dent®

LIGHT CURE
DENTIN/ENAMEL BONDING ADHESIVE

DESCRIPTION
An economical Bis GMA based adhesive that bonds to dentin, enamel, treated porcelain, amalgam and composites. Easy to use and has a long shelf life.

Prime-Dent® Light Cure Dentin Enamel Bonding Adhesive Kit ............................................. 006-020
2 x 3 ml Bonding Adhesive Bottles, 7.5 ml Etchant Liquid Bottle and IFU
Prime-Dent® Light Cure Dentin Enamel Bonding Adhesive ..................................................... 006-018
3 ml Bottle
Prime-Dent® Light Cure Dentin Enamel Bonding Adhesive ..................................................... 006-019
7 ml Bottle

Prime-Dent®

CHEMICAL CURE
DENTIN/ENAMEL BONDING ADHESIVE

DESCRIPTION
A Bis-GMA based adhesive to be used with chemical cure composites, core materials and luting cements. Has a high bond strength to both enamel and dentin.

Prime-Dent® Chemical Cure Dentin Enamel Bonding Resin Kit .............................................. 006-021
3 ml Catalyst Bonding Resin Bottle, 3 ml Base Bonding Resin Bottle, 7.5 ml Etchant Liquid Bottle and IFU
Prime-Dent® Chemical Cure Dentin Enamel Catalyst Bonding Resin Refill ................................. 006-025
3 ml Bottle
Prime-Dent® Chemical Cure Dentin Enamel Base Bonding Resin Refill ..................................... 006-024
3 ml Bottle
Prime-Blend® Ultra

DESCRIPTION
Prime-Blend ultra is a unique light-cured, radiopaque, dentin adhering liner and base material containing calcium hydroxide and calcium hydroxyapatite in a urethane dimethacrylate (UDMA) base. It is a highly filled resin (for a liner) with minimal shrinkage and water absorption.

Prime-Blend ultra has a higher viscosity than conventional liners, eliminating the need for a ball-type applicator. Its superior strength and water insolubility (it won’t leach out) make Prime-Blend ultra the material of choice under composite, amalgams, gold, and etc.

Prime-Blend ultra is easily contoured with high-and low-speed hand pieces. No more instrument-to-pad-to-mouth delivery. No more contamination of cavo-surface margin upon entry into cavity preparation!

Prime-Dent® Hema Desensitizer

DESCRIPTION
Contains hema and benzalkonium chloride. Fast, effective way of sealing off dentinal tubules by combining with proteins and forming a physiologic barrier of protection.

Benzalkonium chloride adds an anti-microbial action to eliminate bacteria. Used as a normal part of resin bonding.

Also effective for cervical sensitivity, root planning and scaling.

Prime-Dent® Light Cure Composite Surface Sealant

DESCRIPTION
A light cured, methacrylate based, unfilled, penetrating, low viscosity resin. The sealant has a very low oxygen inhibition layer and can be cured in ultra thin layers. Reduces microleakage and seals micro-cracks and irregularities in composite restorations. Finishing and polishing composite creates microscopic defects in the surface and at the margin, resulting in accelerated loss of composite.

Prime-Dent Light Cure Composite Surface Sealant is applied immediately upon completion of restorations. The sealant penetrates and seals the composite surface, thus reducing wear and marginal breakdown. Microleakage is reduced for new and existing composite restorations. Bonds well to composite type provisional restorations and helps revitalize old composites leaving a smooth enamel like finish.
Prime-Dent®
ETCHANT GEL / LIQUID

DESCRIPTION
Prime-Dent Etchant Gel/Liquid with 37% phosphoric acid is used for etching enamel and dentin prior to bonding procedures.

Prime-Dent Etchant Gel is thixotropic, stays where placed and will not run. Does not dry out and has long shelf life when properly stored.

Washes off clean. Available in several syringe and bottle deliveries.

Prime-Dent® Etchant Gel Kit
- 4 x 1.2 ml Syringes and 8 Dispensing Tips 37% BLUE 008-010 008-010SF
- 4 x 1.2 ml Syringes and 8 Dispensing Tips 37% GREEN 008-011 008-011SF
- 20 x 1.2 ml Syringes and 40 Dispensing Tips 37% BLUE 008-012 008-012SF
- 20 x 1.2 ml Syringes and 40 Dispensing Tips 37% GREEN 008-013 008-013SF
- 4 x 4 g Syringes and 20 Dispensing Tips 37% BLUE 008-020 008-020SF
- 4 x 4 g Syringes and 20 Dispensing Tips 37% GREEN 008-021 008-021SF
- 50 ml Syringe, 50 Dispensing Tips, 3-4 ml empty syringes with coupler 008-060 008-060SF
- 50 ml Syringe, 50 Dispensing Tips, 3-4 ml empty syringes with coupler 008-061 008-061SF

Prime-Dent® Etchant Gel
- 12 g Syringe and 5 Dispensing Tips 37% BLUE 008-030 008-030SF
- 12 g Syringe and 5 Dispensing Tips 37% GREEN 008-031 008-031SF
- 1.2 ml Syringe and 3 Dispensing Tips 37% BLUE 008-072 008-072SF
- 1.2 ml Syringe and 3 Dispensing Tips 37% GREEN 008-073 008-073SF
- 4 g Syringe and 5 Dispensing Tips 37% BLUE 008-070 008-070SF
- 4 g Syringe and 5 Dispensing Tips 37% GREEN 008-071 008-071SF

Prime-Dent® Etchant Gel
- 8 oz. Bottle 37% BLUE 008-035 008-035SF
- 8 oz. Bottle 37% GREEN 008-036 008-036SF
- 7.5 ml Oval Bottle 37% BLUE 008-042 008-042SF
- 7.5 ml Oval Bottle 37% GREEN 008-043 008-043SF

Prime-Dent® Etchant Liquid
- 7.5 ml Bottle 37% Blue 008-040 008-040
- 7.5 ml Bottle 37% Bottle Green 008-041 008-041
- 7.5 ml Oval Bottle 37% BLUE 008-044 008-044

Prime-Dent® Porcelain Etchant Gel
- 3 g Syringe with 5 Dispensing Tips 10% 008-050

Prime-Dent®
PORCELAIN ETCH GEL

DESCRIPTION
10% hydrofluoric acid gel conditions porcelain or ceramic surfaces prior to bonding. Used prior to Prime-Dent Porcelain Bond Enhancer.
Prime-Dent®

PIT AND FISSURE SEALANT

DESCRIPTION
Bis GMA based filled sealant resins formulated specifically for the sealing of small pits and fissures. The flowable sealants have excellent penetration into tight adaptations with high bond strength to the enamel for high wear resistance.

Contains fluoride for effective cavity protection. Available in single component light cure or chemical cure formulations. Available in opaque and clear formulations.

Prime-Dent® Light Cure Pit and Fissure Sealant Kit in Bottles (Clear) ............................................ 007-020
2 x 3 ml Sealant Bottles, 7.5 ml Etchant Liquid Bottle, and Accessories
Prime-Dent® Light Cure Pit and Fissure Sealant Kit in Bottles (Opaque) .............................................. 007-021
2 x 3 ml Sealant Bottles, 7.5 ml Etchant Liquid Bottle, and Accessories
Prime-Dent® Light Cure Pit and Fissure Sealant Kit in Syringes (Clear) .................................................. 007-022
3 x 1.5 g Sealant Syringes, 1.2 ml Etchant Gel Syringe and Accessories
Prime-Dent® Light Cure Pit and Fissure Sealant Kit in Syringes (Opaque) .................................................. 007-023
3 x 1.5 g Sealant Syringes, 1.2 ml Etchant Gel Syringe and Accessories
Prime-Dent® Light Cure Pit and Fissure Sealant 3 ml Sealant Bottle Refill (Opaque) ............................... 007-024
Prime-Dent® Light Cure Pit and Fissure Sealant 1.5 g Sealant Syringe Refill (Opaque) ............................ 007-025
Prime-Dent® Light Cure Pit and Fissure Sealant 3 ml Sealant Bottle Refill (Clear) ................................. 007-026
Prime-Dent® Light Cure Pit and Fissure Sealant 1.5 g Sealant Syringe Refill (Clear) ............................... 007-027
Prime-Dent® Chemical Cure Pit and Fissure Sealant Kit in Bottles (Clear) .............................................. 007-010
3 ml Base Sealant Bottle, 3 ml Catalyst Sealant Bottle, 7.5 ml Etchant Liquid Bottle, and Accessories
Prime-Dent® Chemical Cure Pit and Fissure Sealant Kit in Bottles (Opaque) ........................................... 007-011
3 ml Base Sealant Bottle, 3 ml Catalyst Sealant Bottle, 7.5 ml Etchant Liquid Bottle, and Accessories
Prime-Dent® Chemical Cure Pit and Fissure Sealant 3 ml Catalyst Sealant Bottle Refill (Opaque) ............ 007-012
Prime-Dent® Chemical Cure Pit and Fissure Sealant 3 ml Catalyst Sealant Bottle Refill (Clear) .............. 007-013
Prime-Dent® Chemical Curer Pit and Fissure Sealant 3 ml Base Sealant Bottle Refill ............................... 007-014
PRIME-PASTE®
PROPHYLAXIS PASTE

DESCRIPTION
Prime-Paste® is a blend of polishing and cleaning agents containing Sodium Fluoride.

This splatter-free formula rinses easily and completely.

Available in three grits: Medium grit is recommended for normal cleaning, polishing, and plaque removal. Coarse grit is recommended for extra heavy stain, including tobacco and heavy plaque deposits.

Available in SEVEN great flavors in 6 oz., 12 oz. and individual cups. Disposable cups eliminate cross contamination.

Also available without added color pigments, flavor and fluoride for patients who may be allergic to additives. It is a medium grit paste ideal prior to composite bonding, sealants, and orthodontic bracket applications.

<table>
<thead>
<tr>
<th>Prime-Paste® Prophylaxis Cups (200 cups/box) Net Wt. 400 Grams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bubble Gum-Fine Grit ........................................ 018-040</td>
</tr>
<tr>
<td>Cherry-Medium Grit ........................................... 018-041</td>
</tr>
<tr>
<td>Mint-Medium Grit ............................................. 018-042</td>
</tr>
<tr>
<td>Pina Colada-Medium Grit .................................... 018-043</td>
</tr>
<tr>
<td>Bubble Gum-Medium Grit ..................................... 018-044</td>
</tr>
<tr>
<td>Orange Sherbert-Medium Grit ............................... 018-045</td>
</tr>
<tr>
<td>Raspberry-Medium Grit ..................................... 018-046</td>
</tr>
<tr>
<td>Assorted-Medium Grit ...................................... 018-047</td>
</tr>
<tr>
<td>Cherry-Coarse Grit ......................................... 018-048</td>
</tr>
<tr>
<td>Mint-Coarse Grit ............................................. 018-049</td>
</tr>
<tr>
<td>Pina Colada-Coarse Grit ................................... 018-050</td>
</tr>
<tr>
<td>Bubble Gum-Coarse Grit .................................... 018-051</td>
</tr>
<tr>
<td>Orange Sherbert-Coarse Grit ............................... 018-052</td>
</tr>
<tr>
<td>Raspberry-Coarse Grit ..................................... 018-052</td>
</tr>
<tr>
<td>Assorted-Coarse Grit ...................................... 018-053</td>
</tr>
<tr>
<td>No Fluoride, No Flavor-Medium Grit ...................... 018-054</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bubble Gum-Fine Grit ........................................ 018-055</td>
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<td>Cherry-Medium Grit ........................................... 018-056</td>
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<tr>
<td>Mint-Medium Grit ............................................. 018-057</td>
</tr>
<tr>
<td>Pina Colada-Medium Grit .................................... 018-058</td>
</tr>
<tr>
<td>Bubble Gum-Medium Grit .................................... 018-059</td>
</tr>
<tr>
<td>Orange Sherbert-Medium Grit ............................... 018-060</td>
</tr>
<tr>
<td>Raspberry-Medium Grit ..................................... 018-061</td>
</tr>
<tr>
<td>Cherry-Coarse Grit ......................................... 018-062</td>
</tr>
<tr>
<td>Mint-Coarse Grit ............................................. 018-063</td>
</tr>
<tr>
<td>Pina Colada-Coarse Grit ................................... 018-064</td>
</tr>
<tr>
<td>Bubble Gum-Coarse Grit .................................... 018-065</td>
</tr>
<tr>
<td>Orange Sherbert-Coarse Grit ............................... 018-066</td>
</tr>
<tr>
<td>Raspberry-Coarse Grit ..................................... 018-067</td>
</tr>
<tr>
<td>No Fluoride, No Flavor-Medium Grit ...................... 018-068</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prime-Paste® Prophylaxis Paste 100 g Jar (Net Wt. 100 Grams)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bubble Gum-Fine Grit ........................................ 018-069</td>
</tr>
<tr>
<td>Cherry-Medium Grit ........................................... 018-070</td>
</tr>
<tr>
<td>Mint-Medium Grit ............................................. 018-071</td>
</tr>
<tr>
<td>Pina Colada-Medium Grit .................................... 018-072</td>
</tr>
<tr>
<td>Bubble Gum-Medium Grit .................................... 018-073</td>
</tr>
<tr>
<td>Orange Sherbert-Medium Grit ............................... 018-074</td>
</tr>
<tr>
<td>Raspberry-Medium Grit ..................................... 018-075</td>
</tr>
<tr>
<td>Cherry-Coarse Grit ......................................... 018-076</td>
</tr>
<tr>
<td>Mint-Coarse Grit ............................................. 018-077</td>
</tr>
<tr>
<td>Pina Colada-Coarse Grit ................................... 018-078</td>
</tr>
<tr>
<td>Bubble Gum-Coarse Grit .................................... 018-079</td>
</tr>
<tr>
<td>Orange Sherbert-Coarse Grit ............................... 018-080</td>
</tr>
<tr>
<td>Raspberry-Coarse Grit ..................................... 018-081</td>
</tr>
<tr>
<td>No Fluoride, No Flavor-Medium Grit ...................... 018-082</td>
</tr>
</tbody>
</table>
Prime-Dent®
ROOT CANAL
FILLING MATERIAL

DESCRIPTION
Prime Dent Root Canal Filling material is used by permanent obturation of root canals of teeth of the secondary dentition with or without the aid of obturation points. Prime-Dent Root Canal Powder and Resin are mixed to produce a silver-free material with excellent sealing properties. As a result of its close applications to the root canal walls and its very small contraction during setting, Prime-Dent Root Canal Filling Material allows for tightly sealed root canal obturation with excellent tissue compatibility.
DESCRIPTION
RC-Cream is a unique formulation of glycol, urea peroxide and EDTA in a special water-soluble base for preparation of root canals. Provides rapid cleansing and deeper penetration of root canal medicaments.
Prime-Dent®
TRAY ADHESIVE

DESCRIPTION
A paint on tray adhesive for use with all alginates; it helps to keep the alginate firm in the tray during removal from the mouth. Comes with a convenient brush inside the cap.

Prime-Dent® Tray Adhesive 1oz. Bottle
Amber .............................................. 017-019
Blue ................................................ 017-020

Prime-Dent®
ALGINATE FLAVORING

DESCRIPTION
Helps mask the chalky taste of alginate.
Comes in 2oz. bottles and is available in 30 flavors.

Prime-Dent® Alginate Flavoring 2oz. Bottle
Cola ............................................. 016-081
Strawberry ................................... 016-082
Peppermint .................................. 016-083
Raspberry .................................... 016-084
Orange ....................................... 016-085
Banana ....................................... 016-086
Apple ......................................... 016-087
Bubblegum .................................... 016-088
Cream Soda .................................. 016-089
Grape .......................................... 016-090
Root Beer ..................................... 016-092
Watermelon .................................. 016-093
Cherry ......................................... 016-094
Butterscotch .................................. 016-095
Cinnamon ..................................... 016-096
Cotton Candy .................................. 016-097
Lemon .......................................... 016-098
Peach .......................................... 016-099
Pineapple ...................................... 016-100
Fruit Punch .................................... 016-101
Blueberry ...................................... 016-102
Chocolate ...................................... 016-103
Piña Colada .................................... 016-104
Vanilla ......................................... 016-105
Caramel ........................................ 016-106
Orange Dreamsicle ......................... 016-108
Toasted Marshmallow ...................... 016-109
Peanut Butter Cup ......................... 016-110
Cookie Dough ............................... 016-111
Cheese Cake ................................. 016-112
Prime-Dent®

**DENTAL DAM**

**DESCRIPTION**
A light cure, low viscosity pigmented resin for use to cover and protect adjacent teeth of soft tissue.

Especially useful for isolating tissue adjacent to any tooth during bleaching procedures. It is easily applied and removes in one piece.

**LOW HEAT REACTION.**

```
Prime-Dent® Dental Dam 3.5 g Syringe Refill ........ 021-010
with 5 Dispensing Tips
Prime-Dent® Dental Dam Kit .......................... 021-011
4 x 3.5 g Syringes, 20 Dispensing Tips, and IFU
Prime-Dent® Dental Dam 2 g Syringe Refill ........ 021-012
with 3 Dispensing Tips
```

Prime-Dent®

**BLOCK OUT RESIN**

**DESCRIPTION**
A light cured pigmented resin ideal for stone model repair and creating bleaching reservoirs in bleaching trays.

```
Prime-Dent® Block Out Resin .......................... 021-020
3.5 g Syringe Refill with 5 Dispensing Tips
Prime-Dent® Block Out Resin Kit ....................... 021-021
4 x 3.5 g Syringes, 20 Dispensing Tips, and IFU
Prime-Dent® Block Out Resin .......................... 021-022
2 g Syringe Refill with 3 Dispensing Tips
```

www.primedentalmfg.com
PRIME-GEL™
TOPICAL ANESTHETIC GEL

DESCRIPTION
Fast acting and effective formula of 20% benzocaine. Formulated using superior quality flavorings.
Prime-Gel™ features pleasant tasting during usage, and leaves no bitter aftertaste. Available in 1 oz. jars.
PRIME-CORE® DC
Automix Dual Core Build-Up Material

DESCRIPTION
A composite based core material designed for the easy fabrication of core build-ups. The core material is a dual cure, fluoride releasing resin core material.

Dispensed with an applicator gun and auto mixed in mixing cannulas providing a consistent, homogeneous mix. Intra oral application tips are provide for precise, direct placement of core material.

Available in a contrast blue shade which is easily distinguishable from tooth structure and natural (A2) shade for optimum results beneath ceramic crowns.

The core material releases fluoride to help reduce secondary caries. Dual curing and quick setting eliminating time consuming layering of material and allowing for easy bulk fill. Highly radiopaque and exhibits a short setting time without heat generation.

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prime-Core® DC Kit 50 g Automix Cartridge (A2)</td>
<td>003-060</td>
<td>50 g automix cartridge, 20 yellow mixing tips, 20 yellow intra oral tips, and IFU</td>
</tr>
<tr>
<td>Prime-Core® DC Kit 50 g Automix Cartridge (BLUE)</td>
<td>003-061</td>
<td>50 g automix cartridge, 20 yellow mixing tips, 20 yellow intra oral tips, and IFU</td>
</tr>
<tr>
<td>Prime-Core® DC Refill 50 g Automix Cartridge (A2)</td>
<td>003-062</td>
<td>50 g automix cartridge, and IFU</td>
</tr>
<tr>
<td>Prime-Core® DC Refill 50 g Automix Cartridge (BLUE)</td>
<td>003-063</td>
<td>50 g automix cartridge, and IFU</td>
</tr>
<tr>
<td>Yellow Mixing Tips 50/Bag</td>
<td>003-041</td>
<td></td>
</tr>
<tr>
<td>Yellow Intra Oral Tips 50/Bag</td>
<td>003-042</td>
<td></td>
</tr>
</tbody>
</table>

PRIME-CORE®
CHEMICAL CURE CORE BUILD-UP MATERIAL

DESCRIPTION
A composite based core material designed for the easy fabrication of core build-ups. A highly radiopaque, high compressive strength material. The non-slumping consistency allows the material to be applied directly into the preparation.

The viscosity is ideal for pre-fabricated post cementation and crown, and bridge relining. Easy distinguished from tooth structure by its distinctive white, blue or natural color.

Prime-Core® Chemical Cure Core Build-Up Material Kits
(15 g catalyst paste jar, 15 g base paste jar, spatulas and IFU)

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>003-018</td>
</tr>
<tr>
<td>Blue</td>
<td>003-019</td>
</tr>
<tr>
<td>Natural (A2)</td>
<td>003-020</td>
</tr>
</tbody>
</table>
DESCRIPTION

A composite based core material designed for the easy fabrication of core build-ups.

Auto mixed in mixing cannulas providing a consistent, homogeneous mix. Intra oral application tips are provided for precise, direct placement of core material.

Available in a contrast blue shade which is easily distinguishable from tooth structure and a natural (A2) shade for optimum results beneath ceramic crowns. The core material releases fluoride to help reduce secondary caries.

Dual curing and quick setting eliminating time consuming layering of material and allowing for easy bulk fill. Highly radiopaque and exhibits a short setting time without high heat generation.
Now more convenient with the new Automix Syringe.

<table>
<thead>
<tr>
<th>Prime-Core® DC Automix 4 Syringe Kit (A2)</th>
<th>003-080</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prime-Core® DC Automix 4 Syringe Kit (BLUE)</td>
<td>003-083</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 2 Syringe Kit (A2)</td>
<td>003-081</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 2 Syringe Kit (BLUE)</td>
<td>003-084</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 1 Syringe Kit (A2)</td>
<td>003-082</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 1 Syringe Kit (BLUE)</td>
<td>003-085</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 10 g Syringe Refill (A2)</td>
<td>003-086</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 10 g Syringe Refill (BLUE)</td>
<td>003-087</td>
</tr>
<tr>
<td>Prime-Core® DC Automix 10 g Syringe Refill (Blue)</td>
<td>003-087</td>
</tr>
<tr>
<td>Mixing Tips (25 Mixing Tips and 25 Intra Oral Tips)</td>
<td>003-046</td>
</tr>
<tr>
<td>Mixing Tips (25 Mixing Tips and 25 FINE Intra Oral Tips)</td>
<td>003-047</td>
</tr>
</tbody>
</table>

www.primedentalmfg.com
**Prime-Core® LC**
Light Cure Core Build-Up Material

**DESCRIPTION**
A highly filled composite specifically formulated for core build-ups. Available in blue or natural A2 shade. The distinctive blue color aids in distinguishing the core material from the tooth structure. A 6-7mm depth of cure can be obtained.

The blue core is best suited under metal crowns and the natural shade for all other applications. Radiopaque for easy identification in radiographs and has high viscosity for easy build-up with no slumping.

<table>
<thead>
<tr>
<th>Prime-Core® LC 5 g Syringe</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>003-021</td>
</tr>
<tr>
<td>Natural (A2)</td>
<td>003-022</td>
</tr>
</tbody>
</table>

**PHYSICAL PROPERTIES**

- Compressive Strength: 270 MPa
- Flexural Strength: 125 MPa
Prime-Dent®
LIGHT CURE ORTHODONTIC ADHESIVE

DESCRIPTION
A unique light cure composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel.

The highly filled paste features a tacky viscosity that flows well and eliminates bracket flotation. The light cure bonding resin/paste system sets on demand, giving the clinician complete control.

The primer also helps to seal the etched enamel. The cohesive strength of the adhesive is stronger than the bond to the tooth. Allowing for one-piece removal after orthodontic treatment with no enamel scarring.

FEATURES & BENEFITS:
No mixing required
• Light cure in 30 seconds
Viscosity
• Ensures precise placement
Fast Setting
• Quick cementation
Fluoride Release

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Cure Time</td>
<td>30 seconds</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>300 MPa</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>140 MPa</td>
</tr>
<tr>
<td>Shear Bond Strength</td>
<td>21 MPa</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Bonding System</td>
<td></td>
</tr>
<tr>
<td>4 Syringe Kit</td>
<td>012-020</td>
</tr>
<tr>
<td>(4 x 5 g Paste Syringes, 7 ml Ortho Bonding Bottle, 7 ml Etchant Liquid Bottle, and Accessories)</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Bonding System</td>
<td></td>
</tr>
<tr>
<td>1 Syringe Kit</td>
<td>012-021</td>
</tr>
<tr>
<td>(5 g Paste Syringe, 3 ml Ortho Bonding Bottle, 3 ml Etchant Liquid Bottle, and Accessories)</td>
<td></td>
</tr>
<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Bonding System</td>
<td></td>
</tr>
<tr>
<td>1 Syringe Clamshell Set</td>
<td>012-022</td>
</tr>
<tr>
<td>(5 g Paste Syringe, 3 ml Ortho Bonding Bottle, 3 ml Etchant Liquid Bottle, and Accessories)</td>
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</tr>
<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Bonding System</td>
<td></td>
</tr>
<tr>
<td>Compules Kit</td>
<td>012-023</td>
</tr>
<tr>
<td>(40 x 0.35 g compules, 7 ml ortho bonding bottle, 7 ml etchant liquid bottle, and accessories)</td>
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</tr>
<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Paste Refill</td>
<td>012-031</td>
</tr>
<tr>
<td>5 g Syringe</td>
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<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Bonding Resin Refill</td>
<td>012-032</td>
</tr>
<tr>
<td>7 ml Bottle</td>
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<tr>
<td>Prime-Dent® Light Cure Orthodontic Adhesive Bonding Resin Refill</td>
<td>012-033</td>
</tr>
<tr>
<td>3 ml Bottle</td>
<td></td>
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</table>
Prime-Dent®
ONE STEP ORTHODONTIC ADHESIVE

DESCRIPTION
A unique composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel. The highly filled paste features a tacky viscosity that flows well and eliminates bracket flotation.

The Catalyst Resin/Paste system sets on contact, giving the clinician complete control. The primer also helps to seal the etched enamel. The cohesive strength of the adhesive is stronger than the bond to the tooth. Allowing for one-piece removal after orthodontic treatment.

- Maximum strength within five minutes
- Bonds to all types of brackets
- Paste available in economical jars or convenient syringes

Prime-Dent® One-Step Orthodontic Adhesive Bonding System

<table>
<thead>
<tr>
<th>Kit Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compules Kit</td>
<td>011-016</td>
</tr>
<tr>
<td>5 g Jar Kit</td>
<td>011-018</td>
</tr>
<tr>
<td>1 Syringe Kit</td>
<td>011-019</td>
</tr>
<tr>
<td>4 Syringe Kit</td>
<td>011-021</td>
</tr>
<tr>
<td>15 g Jar Kit</td>
<td>011-022</td>
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Prime-Dent® One-Step Orthodontic Adhesive Paste Refill

<table>
<thead>
<tr>
<th>Paste Type</th>
<th>Code</th>
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<tbody>
<tr>
<td>5 g Syringe</td>
<td>011-031</td>
</tr>
<tr>
<td>15 g Jar</td>
<td>011-032</td>
</tr>
<tr>
<td>5 g Jar</td>
<td>011-033</td>
</tr>
</tbody>
</table>

Prime-Dent® One-Step Orthodontic Primer

<table>
<thead>
<tr>
<th>Bottle Type</th>
<th>Code</th>
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<tbody>
<tr>
<td>12 ml Bottle</td>
<td>011-034</td>
</tr>
<tr>
<td>5 ml Bottle</td>
<td>011-035</td>
</tr>
</tbody>
</table>
Prime-Dent®
DUAL CURE GLASS Ionomer Band Cement

AUTOMIX SYRINGE KITS AND REFILLS
Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 4 Syringe Kit (A2) ................ 015-027
4 x 10 g Syringes A2, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 1 Syringe Kit (A2) ............ 015-028
10 g Syringe, 5 Mixing Tips, 5 Intra Oral Tips, and IFU
Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 4 Syringe Kit (BLUE) .......... 015-060
4 x 10 g Syringes Blue, 20 Mixing Tips, 20 Intra Oral Tips, and IFU
Prime-Dent® Automix Dual Cure Glass Ionomer Band 1 Syringe Kit (BLUE) .................. 015-061
10 g Syringe, 5 Mixing Tips, 5 Intra Oral Tips, and IFU
Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 10 g Syringe Refill (A2) .... 015-038
Prime-Dent® Automix Dual Cure Glass Ionomer Band Cement 10 g Syringe Refill (BLUE) ... 015-063
Mixing Tips (25 Mixing Tips and 25 Intra Oral Tips) ............................................. 003-046
Mixing Tips (25 Mixing Tips and 25 FINE Intra Oral Tips) ........................................ 003-047

MANUAL MIX KITS AND REFILLS
Prime-Dent® Dual Cure Glass Ionomer Band Cement 8 Syringe Kit ............................... 015-020
4 x 5 g Catalyst Paste Syringes, 4 x 5 g Base Paste Syringes, and Accessories
Prime-Dent® Dual Cure Glass Ionomer Band 2 Syringe Kit ........................................ 015-021
5 g Catalyst Paste Syringe, 5 g Base Paste Syringe, and Accessories
Prime-Dent® Dual Cure Glass Ionomer Band Cement 5 g Base Paste Syringe Refill ........ 015-031
Prime-Dent® Dual Cure Glass Ionomer Band 5 g Catalyst Paste Syringe Refill ............... 015-036

OTHER KITS:
Prime-Dent® Light Cure Glass Ionomer Band Cement 4 Syringe Kit (Natural Tint) .......... 013-030
(4 x 5 g syringes and accessories)
Prime-Dent® Light Cure Glass Ionomer Band Cement 4 Syringe Kit (Blue Tint) ............. 013-031
(4 x 5 g syringes and accessories)
Prime-Dent® Light Cure Glass Ionomer Band 2 Syringe Kit (Natural Tint) ................. 015-032
(2 x 5 g syringes and accessories)
Prime-Dent® Light Cure Glass Ionomer Band 2 Syringe Kit (Blue Tint) ...................... 015-033
(2 x 5 g syringes and accessories)
Prime-Dent® Light Cure Glass Ionomer Band Cement 5 g Syringe Refill (Natural Tint) ... 015-034
Prime-Dent® Light Cure Glass Ionomer Band Cement 5 g Syringe Refill (Blue Tint) .... 015-035

Prime-Dent® Paste/Paste Orthodontic Adhesive Bonding System
15/15 Jar Kit .............................................. 013-020
(15 g catalyst paste jar, 15 g base paste jar, 7 ml base bonding resin bottle, 7 ml etchant liquid, spatulas, mixing pads and IFU)
5/5 Jar Kit .............................................. 013-021
(5 g catalyst paste jar, 5 g base paste jar, 3 ml base bonding resin bottle, 3 ml etchant liquid, spatulas, mixing pad and IFU)
5/5 Syringe Kit ......................................... 013-022
(5 g catalyst paste syringe, 15 g base paste syringe, 3 ml base bonding resin bottle, 3 ml etchant liquid, spatulas, mixing pad and IFU)
Prime-Dent® Paste/Paste Orthodontic Adhesive
15 g Base Paste Jar Refill ......................... 013-041
15 g Catalyst Paste Jar Refill .................... 013-042
5 g Base Paste Syringe Refill .................... 013-044
5 g Catalyst Paste Syringe Refill ................ 013-045
Prime-Dent® Paste/Paste Orthodontic Bonding Resin Refill
3/3 Bottle Refill ...................................... 013-043
(3 ml base bonding resin bottle, 3 ml catalyst bonding resin bottle, and IFU)

DESCRIPTION
A unique dual cure composite resin cement ideally suited for cementing metal molar bands. Chemically bonds to both tooth structure and metal band to create a strong anchor. The glass ionomer technology creates high tensile and compressive strength reducing washout and loose bands. The cement ideally mixed and has no strong odor or aftertaste. The adhesive can be light cured to immediately set band in place. Without light activation a complete set is achieved in five minutes. Contains fluoride for added tooth protection. Easily dispensed from economical screw syringes or in smart auto-mix system.

Prime-Dent®
PASTE/PASTE ORTHO ADHESIVE

DESCRIPTION
A unique composite resin system for bonding plastic, metal or porcelain orthodontic brackets to etched enamel. The highly filled paste features a tacky viscosity that is easy to apply and holds the brackets in place after orthodontic treatment. Contains fluoride for added protection.

- Maximum strength within 5 minutes
- Bonds to all types of brackets
- Two year shelf life with no refrigeration
- Paste available in economical jars or convenient syringes
**Prime-Dent®**

**PORCELAIN BOND ENHANCER**

DESCRIPTION

A silane coupling agent that treats porcelain to give stronger bonds, typically used after the porcelain surface has been etched with Prime-Dent Porcelain Etch Gel.

10 ml Bottle Porcelain Bond Enhancer ............... 016-020

**Prime-Dent®**

**METAL CONDITIONER**

DESCRIPTION

Can be used on any metal, amalgam, gold or stainless steel surface prior to bonding. Especially useful with metal crowns and metal orthodontic brackets.

10 ml Bottle Metal Conditioner ......................... 016-021

**Prime-Dent®**

**PLASTIC BOND ENHANCER**

DESCRIPTION

Can be used on any plastic, or polycarbonate surface for stronger bonds, especially useful on orthodontic brackets. May also be used to condition old composite to be bonded or repaired with a new composite. Compatible with chemical or light cure composites.

10 ml Bottle Plastic Bond Enhancer .................... 016-022
MIXING PADS

DESCRIPTION
Poly coated paper prevents absorption of material into the surface. Available in several popular sizes and 50 sheets per pad!

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2</td>
<td>mp-2x2</td>
</tr>
<tr>
<td>3 x 3</td>
<td>mp-3x3</td>
</tr>
<tr>
<td>3 x 5</td>
<td>mp-3x5</td>
</tr>
<tr>
<td>5 x 7</td>
<td>mp-5x7</td>
</tr>
</tbody>
</table>

MIXING SPATULAS

DESCRIPTION
Disposable plastic mixing spatulas for mixing pastes.

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100/bag</td>
<td>030-001</td>
</tr>
<tr>
<td>50/bag</td>
<td>030-003</td>
</tr>
</tbody>
</table>

BRUSHES AND BRUSH HOLDER

DESCRIPTION
Disposable brushes for applying all types of resin and liquids. Available is short shank 7/8 and 2 inch long.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Brush Holder</td>
<td>030-005</td>
</tr>
<tr>
<td>Short Shank Brushes</td>
<td>030-010</td>
</tr>
<tr>
<td>2 Inch Long Brushes</td>
<td>030-020</td>
</tr>
</tbody>
</table>

LUER LOCK DISPENSING NEEDLE TIP

DISPENSING TIPS FOR SYRINGES

DESCRIPTION
A variety of pre-bent luer tips for all sizes of syringes: 18, 22 and 25 gauge. Packed 100 per bag.

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black 20 Gauge</td>
<td>030-024</td>
</tr>
<tr>
<td>Black 18 Gauge</td>
<td>030-025</td>
</tr>
<tr>
<td>Grey 22 Gauge</td>
<td>030-026</td>
</tr>
<tr>
<td>Blue 24 Gauge</td>
<td>030-027</td>
</tr>
</tbody>
</table>
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You may also fax your order at anytime to 773-283-3085
Or e-mail your order to primedental@hotmail.com
Office Hours: Monday through Friday: 7:00am - 5:00pm CST

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