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**HARVARD**

# PROSTHETICS

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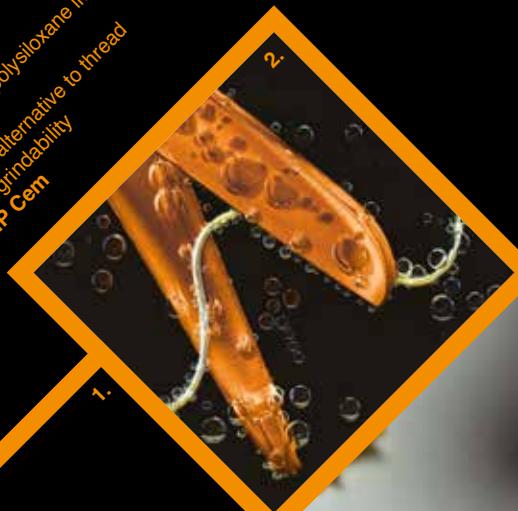


Harvard offers a wide range of products for dental prosthetics. Discover the right products for a range of applications over the next few pages.

- >> Impression Materials**
- >> Retraction Material**
- >> Bite Registration Material**
- >> Core Build-Up & Post Cementation**
- >> Temporary Crown & Bridge Materials**
- >> Temporary Luting Cements**
- >> Semi-Permanent Luting Composite**
- >> Permanent Luting Composites**
- >> Permanent Luting Cements**
- >> Transparent Matrix Material**

**Pictures from practice**

- 1.: Harvard SuperSnap® – superhydrophilic vinyl polysiloxane impression material
- 2.: with SuperSnap property
- 3.: Harvard LigCord® – a supplement or an alternative to thread
- 4.: Harvard Bite – precise trimming and grindability
- 5.: Crown fixation with Harvard TEMP Cem



# Harvard SuperSnap®

Superhydrophilic vinyl polysiloxane impression material with SuperSnap property

The recommended combinations of Harvard SuperSnap®:

		phase 1 / step 1		phase 2 / step 2
2 steps / 2 phases Putty-wash technique (Material application successively)	 Putty		+	 Light 
1 step / 2 phases Sandwich technique (Material application simultaneously)	 Putty Soft  Medium  Heavy  Medium		→	
1 step / 1 phase Monophasetechnique	 Mono		1 phase / 1 step →	

 **HARVARD®**



**Harvard  
SuperSnap®**

**Impress with  
„SPEED”.**

Super fast – super comfortable!

### Harvard SuperSnap®

Superhydrophilic vinyl polysiloxane impression material with SuperSnap property

- » Same convenient working time as Harvard PremiumSil – shortened intra oral setting time
- » Super hydrophilicity for perfect wettability and excellent reproduction of details
- » Extremely user- and patient-friendly
- » Excellent flow properties
- » High elastic recovery, dimension stability
- » Intensive colors for excellent legibility
- » Available in two Snap-Set times: **Regular Snap** and **Quick Snap**
- » Optimal kneadable consistency for the putty products
- » Suitable for the sandwich technique and the putty-wash technique
- » Different viscosities:  
Putty, Putty Soft, Heavy, Mono, Medium, Light



#### Order Details

Regular Snap	Color	
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1, 4 IntraTips yellow		
Light	orange	7083801
Medium	green	7083811
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1		
Mono	blue	7083821
Heavy	black-grey	7083831
2 jars ea. 600 g, 2 spoons		
Putty	black	7083841
Putty Soft	black	7083851
MaxiMix cartridge, 380 ml, 10 dynamic mixers, 1 bayonet ring		
Putty Soft	black	7083853
Heavy	black	7083833

Quick Snap	Color	
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1, 4 IntraTips yellow		
Light	orange	7083802
Medium	green	7083812
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1		
Mono	blue	7083822
Heavy	black-grey	7083832
2 jars ea. 600 g, 2 spoons		
Putty	black	7083842
Putty Soft	black	7083852
MaxiMix cartridge, 380 ml, 10 dynamic mixers, 1 bayonet ring		
Heavy	black-grey	7083834

Harvard Auto-T 1:1 O-Yellow	7098000
Refill bag with 50 mixing tips for Light, Medium – Regular / Quick	
Harvard Auto-T 1:1 O-Green	7098010
Refill bag with 50 mixing tips for Heavy – Regular / Quick	
Harvard Auto-T 1:1 O-Pink	7098020
Refill bag with 50 mixing tips for Mono – Regular / Quick	
Harvard IntraTips yellow	7083619
Refill bag with 50 mixing tips for Light, Medium – Regular / Quick	
Harvard Maxi 5:1 Dynamic	7091400
Refill bag with 50 dynamic mixers for Putty Soft MaxiMix Heavy – Regular / Quick MaxiMix	
Harvard Dispenser Automix 1:1	7095100

No stock item, please contact the Harvard sales team.

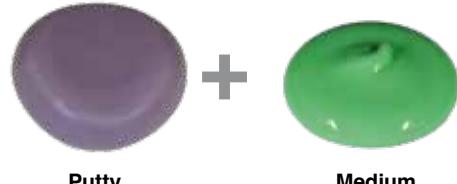
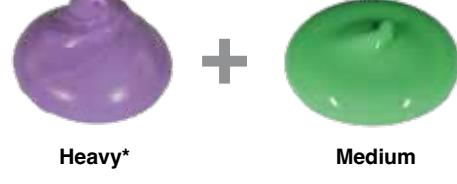




# Harvard PremiumSil

Superhydrophilic vinyl polysiloxane impression material

**The recommended combinations of Harvard PremiumSil:**

<p><b>2 steps / 2 phases</b> Putty-wash technique (Material application successively)</p>	 Putty + Light   Putty + Medium	<p>or</p>
<p><b>1 step / 2 phases</b> Sandwich technique (Material application simultaneously)</p>	 Putty Soft + Medium   Heavy* + Medium	

## Harvard PremiumSil

Superhydrophilic vinyl polysiloxane impression material

- » Super hydrophilicity for perfect wettability and excellent reproduction of details
- » Long working time, short intra oral setting time
- » Excellent flow properties
- » Optimal kneadable consistency for the putty products
- » Very low shrinkage
- » Suitable for the sandwich technique and the putty-wash technique
- » Two setting times
- » Durable storage of impression
- » Different viscosities: Putty, Putty Soft, Heavy, Medium, Light



### Order Details

Normal Set	Color	
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1, 4 IntraTips yellow		
Light	orange	7083701
Medium		7083711
4 automix cartridges ea. 50 ml		
Light	orange	7083703
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1		
Heavy	bright purple	7083731
2 jars ea. 600 g, 2 spoons		
Putty	dark purple	7083751
Putty Soft	purple	7083741
MaxiMix cartridge, 380 ml, 10 dynamic mixers, 1 bajonet ring		
Putty Soft	purple	7083740

Fast Set	Color	
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1, 4 IntraTips yellow		
Light Fast	orange	7083702
Medium Fast	bright green	7083712
4 automix cartridges ea. 50 ml		
Light Fast	orange	7083704
2 automix cartridges ea. 50 ml, 12 mixing tips 1:1		
Heavy Fast	bright purple	7083732
2 jars ea. 600 g, 2 spoons		
Putty Fast	dark purple	7083752
Putty Soft Fast	purple	7083742
MaxiMix cartridge, 380 ml, 10 dynamic mixers, 1 bajonet ring		
Heavy Fast	bright purple	7083733

Harvard Auto 1:1 O-Green	7096000
Refill bag with 50 mixing tips for Harvard PremiumSil Heavy / Heavy Fast	
Harvard Auto 1:1 O-Pink	7091200
Refill bag with 50 mixing tips for Harvard PremiumSil Mono / Mono Fast	
Harvard Auto 1:1 O-Yellow	7091300
Refill bag with 50 mixing tips for Harvard PremiumSil Light / Light Fast Harvard PremiumSil Medium / Medium Fast	
Harvard IntraTips yellow	7083619
Refill bag with 50 mixing tips for Harvard PremiumSil Light / Light Fast Harvard PremiumSil Medium / Medium Fast	
Harvard Maxi 5:1 Dynamic	7091400
Refill bag with 50 dynamic mixers for Harvard PremiumSil Putty Soft MaxiMix Harvard PremiumSil Heavy Fast MaxiMix	
Harvard Dispenser Automix 1:1	7095100

No stock item, please contact the Harvard sales team.

## Harvard TraySive

Conventional tray adhesive for silicones

- » Tray adhesive for all silicone impression materials
- » Tacky bond between impression tray and A-silicone



### Order Details

10 ml bottle	7083753
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# Retraction Material

## Prosthetics

Harvard

### LiquiCord®

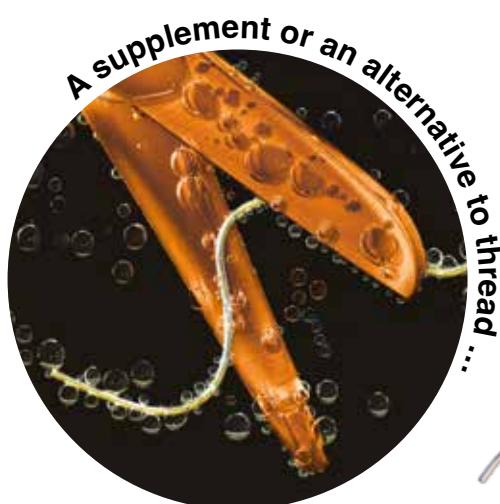
Retraction paste for temporary gingiva displacement

#### Order Details

10 x 0.7 g syringe, 20 needle tips 7083870

Harvard NeedleTips H18 white Refill bag with 50 needle tips 7083875

- » For patients: less painful
- » For dentists: time saving, easy to use
- » For a dry and expanded sulcus
- » Neutral taste

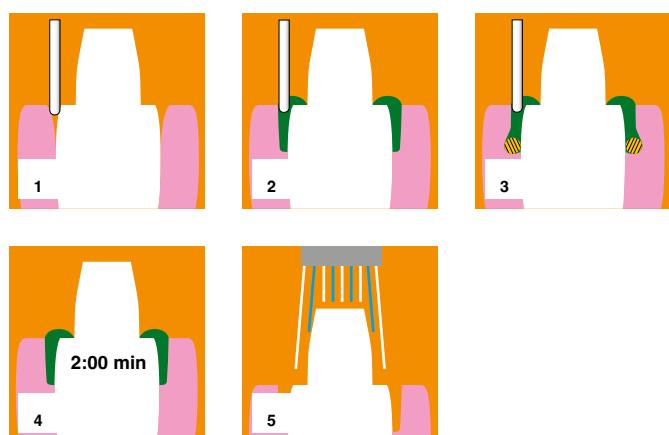


### Application of Harvard LiquiCord®

For accurate impressions the gingiva retraction is very important: after a tooth preparation the gingival sulcus normally is filled with saliva, blood or other liquids and therefore not accessible for the impression material. This requires effective retraction with Harvard LiquiCord®. It temporarily displaces the gingiva and keeps the sulcus dry and protected. In addition Harvard LiquiCord® has a hemostatic effect.

**Harvard LiquiCord® can be used for all indications of temporary displacement of the marginal gingiva and to provide a dry and expanded sulcus:**

- » For digital impressions
- » For conventional impressions
- » Impressions for restorations (temporary and permanent)
- » Preparations of class II and V



1. Introduce the tip / needle into the sulcus, opening the sulcus
2. Move the top of the tip slowly and evenly around the tooth while pressing out the paste. Fill the sulcus all around with enough Harvard LiquiCord® so that an excess appears
3. If necessary, Harvard LiquiCord® can be used in combination with a retraction cord, that is placed before in the sulcus, to open the sulcus further
4. Let Harvard LiquiCord® work for at least 2 minutes and keep away all moisture during this time
5. After this time flush off Harvard LiquiCord® completely from the sulcus with air and water

### Harvard Bite

Bite registration material based on vinyl polysiloxane

- » Precise and distortion-free
- » Fast setting (45 sec)
- » Very low shrinkage
- » Easy to cut, not brittle
- » Ideal consistency
- » Durable storage of bite registerate
- » Vanilla smell
- » Neutral taste



#### Order Details

2 x 50 ml automix cartridge, in the shade Yellow (vanilla smell), 12 mixing tips	7083700
4 x 50 ml automix cartridge, in the shade Yellow (vanilla smell)	7083710
<b>Harvard Auto 1:1 O-Green</b> Refill bag with 50 mixing tips	7096000
<b>Harvard Dispenser Automix 1:1</b>	7095100

# Experience the difference.



Kay Zischow, Managing director Zischow Dental Hamburg GmbH

**„Harvard Bite has convinced me with its positive properties.“**

„The advantages of Harvard Bite for CMD registrations are that the material becomes very firm after curing, is very thin-flowing and the bite can thus be ideally fixed in a locked position. I would recommend this material to all dentists and colleagues at any time.“



1



2



3



4

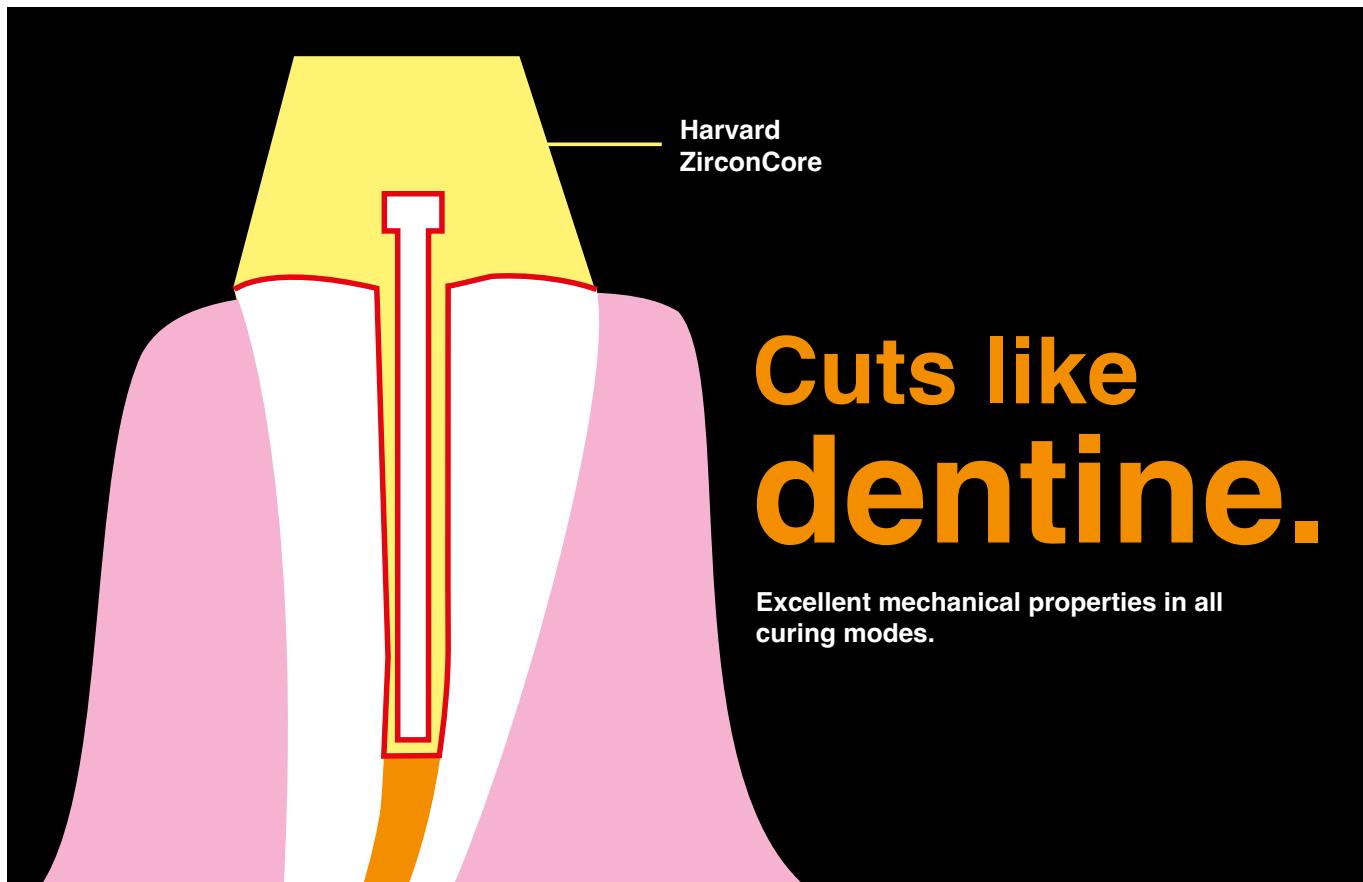


5

- 1: Intraoral application of **Harvard Bite**: optimal consistency
- 2: Only 45 seconds cure
- 3: Excellent reproduction of the bite situation
- 4: Bite registration
- 5: Precise trimming and grindability

# Core Build-Up & Post Cementation

## Prosthetics



Dr. Paweł Paszkiewicz

- 1: Prepared and bonded root canal
- 2: Application into the root canal
- 3: Placing the root post
- 4: Cured core build-up
- 5: Finished core build-up



„Due to the dual indication – post-cementation and core build-up – the work becomes easier, faster and more efficient.“

### Harvard ZirconCore

Dual cure core build-up and post cementation composite

- » Optimal consistency for two indications: Core build-up and post cementing
- » „Cuts like dentine“
- » Very good mechanical properties for durable restorations
- » Contains substantial amount of nano zirconia particles
- » Fluoride release
- » Very good radiopacity
- » Thixotropic properties
- » For optimal results: To be used with **Harvard Bond SE Dual**

#### Order Details

<b>5 ml minimix syringe</b> 10 mixing tips, 10 intra tips long	
A2	7083599
A3	7083600
<b>25 ml minimix syringe</b> 10 mixing tips, 10 intra tips	
A3	7083598
<b>Harvard Mini 1:1 O-Brown</b> Refill bag with 50 mixing tips	7083610
<b>Harvard IntraTips long</b> Refill bag with 50 intra tips long	7083620
<b>Harvard Auto 1:1 O-Yellow</b> Refill bag with 50 mixing tips	7091300
<b>Harvard IntraTips yellow</b> Refill bag with 50 intra tips	7083619

No stock item, please contact the Harvard sales team.



### Harvard Bond SE Dual

Dual cure self-etch bonding

- » Etching, priming and bonding after mixing in one step
- » Only one layer necessary
- » Strong and long-lasting adhesion to enamel and dentine
- » Hydrophilic for wet bonding technique
- » For use with dual cure composites  
e.g. **Harvard ZirconCore**
- » Good price / performance ratio

#### Order Details

<b>2 x 5 ml bottle</b> 50 Microbrush®, 5 mixing wells	7083602
<b>Microbrush®</b> Refill bag with 50 applicators	7095156



Harvard

### TEMP C&B Ultra

Semi-permanent crown and bridge material,  
ratio 10:1

- » Highgloss polishability
- » Perfect shine even without polishing, no additional gloss varnish necessary
- » Natural esthetics and fluorescence
- » Reduced smear layer
- » Very low polymerization temperature
- » Very high mechanical strength & excellent elasticity
- » High color stabi

#### Order Details

50 ml automix cartridge 10:1, 10 mixing tips	
A2	7081662
A3	7081663
Harvard Auto 4:1 / 10:1 S-Blue	7094000
Harvard Dispenser Automix 4:1 / 10:1	7095000



50 ml



Harvard  
TEMP C&B Ultra

# Gloss? Just wipe!

Simply wipe the smear layer  
off – DONE!  
Very good lasting high gloss.  
Perfect semi-permanent  
esthetic results.  
Resilient.

# Temporary Crown & Bridge Materials

## Prosthetics

Harvard

### TEMP C&B

Temporary crown and bridge material, ratio 10:1

- » Reliable and easy to use
- » Final processing after 5:00 min
- » Very good fracture resistance and hardness specially for veneers and longer bridge spans
- » Low polymerization temperature
- » Natural esthetics and fluorescence
- » High color stability



50 ml

#### Order Details

50 ml automix cartridge 10:1, 10 mixing tips	
A1	7081651
A2	7081652
A3	7081653
A3.5	7081654
BL	7081650

Harvard Auto 4:1 / 10:1 S-Blue	7094000
Refill bag with 50 mixing tips	

Harvard Dispenser Automix 4:1 / 10:1	7095000
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No stock item, please contact the Harvard sales team.



30 ml

#### Harvard TEMP Glaze LC

Gloss varnish for temporary crowns and bridges

- » Highly esthetic and shiny surface without polishing
- » Ideal for crowns and bridges in the visible area

#### Order Details

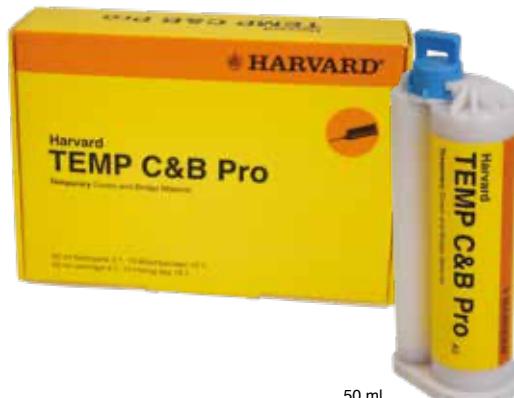
30 ml bottle	7081730
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Harvard

### TEMP C&B Pro

Temporary crown and bridge material, ratio 4:1

- » Reliable and easy to use
- » Good fracture resistance and hardness
- » Natural esthetics and fluorescence
- » Color stability
- » Good price / performance ratio



50 ml

#### Order Details

50 ml automix cartridge 4:1, 10 mixing tips A1	7081641
50 ml automix cartridge 4:1, 10 mixing tips A2	7081642
50 ml automix cartridge 4:1, 10 mixing tips A3	7081643

Harvard Auto 4:1 / 10:1 S-Blue	7094000
Refill bag with 50 mixing tips	

Harvard Dispenser Automix 4:1 / 10:1	7095000
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No stock item, please contact the Harvard sales team.

# Temporary Luting Cements

## Prosthetics

### Harvard TEMP Cem

Eugenol-free temporary luting cement in a minimix syringe

- » Optimal adhesion
- » Easy removal of the temporary
- » No residual cement on the core
- » Contains zinc oxide
- » Excellent flow
- » Eugenol-free
- » Easy removal of excess material



Dentist Dr. Oxana Hilfer

**„Harvard TEMP Cem saves precious working time and keeps patients happy.“**

„Harvard TEMP Cem is a temporary cement of the latest generation. The minimix syringe saves valuable working time and is easy to use. Depending on the application, the cement can hold the restoration reliably for several days to several months. Excess can be easily removed and cleaned without leaving any residue. I save valuable working time and my patients are very satisfied.“

- 1: Preparation
- 2: Crown fixation with Harvard TEMP Cem
- 3: Removal of excess material
- 4: Temporary



### Harvard TEMP Cem EasyDose®

Eugenol-free temporary luting cement in a dosing syringe

- » Handmix – more economic
- » Optimal adhesion
- » Easy removal of the temporary
- » No residual cement on the core
- » Contains zinc oxide
- » Excellent flow behavior
- » Eugenol-free
- » Easy removal of excess



# Temporary Luting Cements

## Prosthetics

Harvard

### TEMP Cem Esthetic

Translucent zinc oxide cement for temporary luting

- » Translucent and esthetic material
- » Easy removal of excess material
- » Easy removal of the restoration
- » No residual cement on the core
- » Eugenol-free

#### Order Details

5 ml minimix syringe, 10 mixing tips	7081104
Harvard Mini 1:1 S-Brown Refill bag with 50 mixing tips	7091050



# Semi-permanent Luting Cement

## Prosthetics

Harvard

### Implant Semi-permanent

Dual cure composite cement for semi-permanent cementation of implant based crowns and bridges

- » Safe fixation, easy removal, easy re-cementation
- » Elastic polymer film to minimize chewing pressure on the bone
- » Excellent sealing, no shrinkage
- » Easy removal of the crown
- » Easy removal of excess material
- » Contains zinc oxide

#### Order Details

5 ml minimix syringe, 10 mixing tips	7081400
Harvard Mini 4:1 / 10:1 S-Brown Refill bag with 50 mixing tips	7093050



Dentist Dr. Oxana Hilfer

„The safe, semi-permanent cementation.“

„Harvard Implant Semi-permanent allows by the self-mixing minimix syringe an exact dosage of needed amount of cement. Excess material can be removed effortless and completely after a short light curing with LED light. Even bigger restorations can be easily removed at any time. Long and cumbersome trimming after removing is avoided.“

# Permanent Luting Composites

## Prosthetics

### Harvard LuteCem SE

Self-adhesive dual cure resin-modified luting cement

» Suitable for:

1. Luting of posts made of fiber-reinforced materials, metal and ceramics
2. Luting of crowns and bridges made of ceramics, zirconia, composites and metal

» Dual cure

» Fluoride release

» High color stability



#### Order Details

5 ml minimix syringe,  
10 mixing tips Harvard Mini 4:1 / 10:1 S-Brown  
5 mixing tips Harvard Mini 4:1 / 10:1 O-Brown  
5 intra tips long

Translucent	7081101
A2	7081105
White opaque	7081107

Harvard Mini 4:1 / 10:1 S-Brown Refill bag with 50 mixing tips	7093050
Harvard Mini 4:1 / 10:1 O-Brown Refill bag with 50 mixing tips	7091100
Harvard IntraTips long Refill bag with 50 intra tips	7083620

No stock item, please contact the Harvard sales team.

### Harvard VeneerCem

Shade-adaptive, light cure composite cement for the cementation of translucent veneers

- » Shade-adaptive – for a good adaption to the existing restoration
- » Precise application
- » Easy excess removal
- » Permanent result
- » Very high polishability
- » Natural fluorescence
- » No try-in paste required (time saving)
- » High color stability



#### Order Details

2 x 1 ml syringe, incl. 8 needle tips H18	7100020
Harvard NeedleTips H18 Refill bag with 50 needle tips	7095158

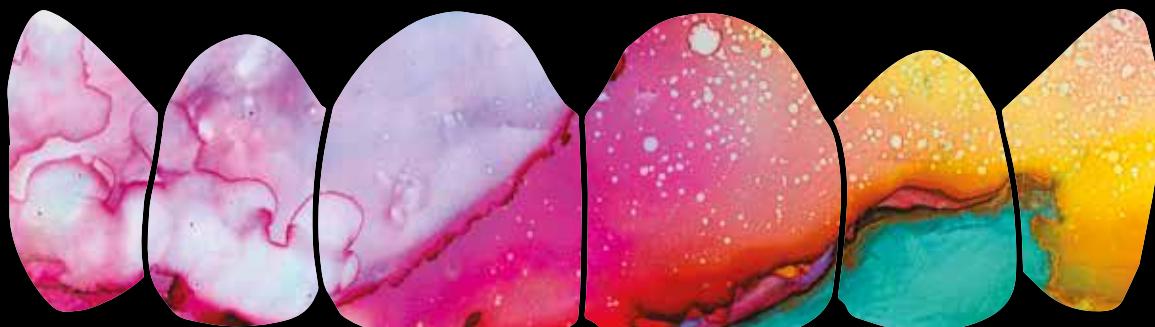
Dr. Amir Ibrik D.D.S, N.D.B, E.R.B, MSc

### „Simple logistics – no more headache!“

A very nice and convenient veneer cement. What is different in this cement to others? Harvard Veneer Cem is adapting the shade between veneer and tooth automatically. Thanks to Harvard with its hyper-nanotechnology spherical fillers we cemented different shade porcelain veneers with only one shade.



# Harvard VeneerCem



Dr. Mohammed Saqqal



„Mastering a major challenge with the best material: Harvard VeneerCem.“



Clinical case tooth 12 and 22

„A patient came to me complaining about the appearance of his smile due to a gap in his upper incisors. I decided to fabricate ceramic veneers made of highly translucent lithium disilicate that had the same color and layering as his natural teeth.

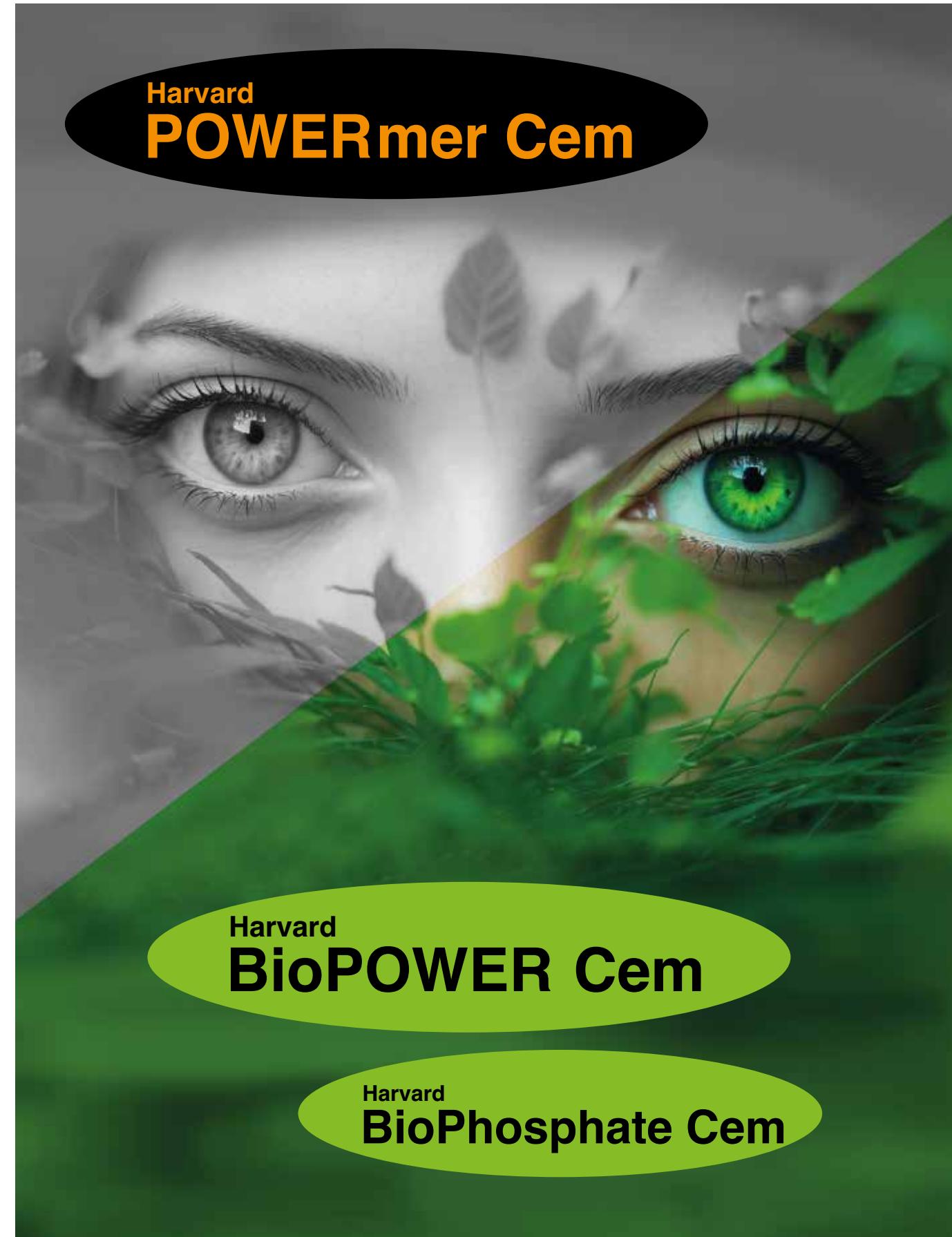
The biggest challenge was to match these veneers perfectly to the neighboring teeth.“



Harvard  
**POWERmer Cem**

Harvard  
**BioPOWER Cem**

Harvard  
**BioPhosphate Cem**



Harvard

# POWERmer Cem

High strength, self adhesive, dual cure composite-hybrid for Luting of crowns and bridges, inlays, onlays and veneers

- » Stress-bearing
- » Good adhesion to tooth, zirconia and metal
- » No shrinkage
- » **No adhesive necessary!**
- » Fluoride release
- » Acid neutralisation ability
- » Insoluble
- » Translucent
- » Color stable
- » In strength, esthetics and polish: **LIKE A LUTING COMPOSITE CEMENT!**
- » Radiopaque
- » HandMix or OptiCaps®

### Order Details

50 OptiCaps® ea. 0.5 g, ea. packed in aluminum pouch Universal	7071320
10 OptiCaps® ea. 0.5 g, ea. packed in aluminum pouch Universal	7071321
15 g powder / 7 ml liquid, dosage spoon, mixing pad Universal	7071322
Harvard Applier OptiCaps®	7092000



**Harvard POWERmer Cem** is an translucent esthetic composite-hybrid luting cement with high fluoride release. In addition, the material can be light-cured on the edge of the crown or bridge to enable quick primary fixing.

The high compressive strength, good adhesion and an acid neutralisation ability ensure long-lasting results. **Harvard POWERmer Cem** has no shrinkage and is self-adhesive, to tooth, zirconia and metal.

# Permanent Luting Cements

## Prosthetics

### Harvard BioPOWER Cem

Bioactive, dual cure MTA-modified composite-hybrid  
for luting of crowns and bridges

- » High pH 12
- » Calcium release
- » Fluoride release
- » Bioactive
- » Dual cure
- » No shrinkage
- » **No adhesive necessary!**
- » Good adhesion to tooth, zirconia and metal
- » Strong
- » Opaque
- » Radiopaque
- » HandMix or OptiCaps®

#### Order Details

10 OptiCaps® ea. 0.5 g, ea. packed in aluminum pouch Universal	7071420
5 g powder / 3 ml liquid, dosage spoon, mixing pad Universal	7071421
Harvard Applier OptiCaps®	7092000

Resin-  
Reinforced



**Harvard BioPOWER Cem** is a composite-hybrid cement with calcium and fluoride release.  
In addition, the material can be light-cured on the edge of the crown or bridge to enable quick primary fixing.

The high compressive strength and a bacteriophobic environment, thanks to a high pH value of 12, ensure long-lasting results.  
**Harvard BioPOWER Cem** has no shrinkage and is self-adhesive, to tooth, zirconia and metal.

Harvard

# BioPhosphate Cem

Bioactive, self cure MTA zinc phosphate cement  
for luting of crowns and bridges

### Order Details

5 g powder / 2,5 ml liquid,  
dosage spoon, mixing pad  
Universal

7071520

- » High pH 12
- » Calcium release
- » Bioactive
- » Self cure
- » No shrinkage
- » Self-adhesive
- » Good adhesion to tooth, zirconia and metal
- » No adhesive necessary!
- » Very low solubility
- » Strong
- » Opaque
- » Radiopaque
- » HandMix

Resin-  
Free



**Harvard BioPhosphate Cem** is an opaque luting cement based on MTA zinc phosphate cement with calcium release.

The reaction of MTA and phosphoric acid is mostly described to lead to calcium phosphate compounds e.g. **apatite**.

The high compressive strength and a bacteriophobic environment, thanks to a high pH value of 12, ensure long-lasting results.  
**Harvard BioPhosphate Cem** has no shrinkage and is self-adhesive, to tooth, zirconia and metal.

### Harvard IonoResin Cem Extra (LC)

Esthetic light and self cure resin-reinforced glass ionomer cement for luting of crowns and bridges, inlays, onlays and as a liner under composite fillings (with additional light curing)

- » Good esthetics
- » Low film thickness
- » Practically insoluble
- » Improved mechanical properties
- » Very low shrinkage
- » Set on demand by three types of curing:  
self + light cure + classical cement reaction
- » Radiopaque
- » HandMix or OptiCaps®

#### Order Details

15 g powder, Universal / 10 ml liquid dosage spoon	7061116
50 OptiCaps® ea. 0.4 g, Universal	7061251
Harvard Applier OptiCaps®	7092000

No stock item, please contact the Harvard sales team.



**Resin-Reinforced**

### Harvard IonoResin Cem (LC)

Self cure resin-reinforced glass ionomer cement for luting crowns and bridges (with additional light curing)

- » Radiopaque
- » Moisture tolerant
- » Easy to mix and convenient to apply
- » Good marginal fit and seal
- » Practically insoluble
- » In clinical situations close to the pulp use **Harvard BioCal®-Line**  
(see also page 24)
- » HandMix
- » Good price / performance ratio

#### Order Details

15 g powder, Universal / 10 ml liquid dosage spoon	7041216
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No stock item, please contact the Harvard sales team.



## Harvard IonoGlas Cem Extra

Classical self cure glass ionomer cement for luting of crowns and bridges, metal based inlays, onlays and as a liner under composite fillings

- » Good esthetics
- » Radiopaque
- » Low solubility
- » Good adhesion to enamel and dentine
- » High fluoride release
- » Biocompatible
- » HandMix or OptiCaps®

### Order Details

15 g powder, Universal / 10 ml liquid dosage spoon	7042115
50 OptiCaps® ea. 0.4 g – Universal	7042250
Harvard Applier OptiCaps®	7092000

No stock item, please contact the Harvard sales team.



Resin-  
Free

## Harvard IonoGlas Cem

Classical self cure conventional glass ionomer cement for luting of crowns and bridges

- » Good adhesion to dentine and enamel
- » Fluoride release, biocompatible and radiopaque
- » Easy to mix and to use
- » Good marginal fit and seal
- » HandMix
- » Good price / performance ratio

### Order Details

15 g powder, Universal / 10 ml liquid dosage spoon	7041115
35 g powder, White / 20 ml liquid dosage spoon	7041130
35 g powder, Universal / 20 ml liquid dosage spoon	7041135

No stock item, please contact the Harvard sales team.



# Harvard Cement

**The Original. Since 1892.**



**The cement. Timeless and contemporary.  
Harvard Cement stands  
for a long and successful history.  
In addition, Harvard the cement inventor has  
developed into a dental  
specialist in almost all areas.  
See for yourself ...**

# Harvard Cement

Zinc phosphate cement for permanent luting of restorations and for lining.  
The classic – well-proven since 1892.

- » High compressive strength and low film thickness
- » Good biocompatibility
- » Easy and safe application
- » Unmatched price / performance ratio for luting and lining materials
- » Applicable for:
  - » Zircon oxide
  - » Silicate ceramic
  - » Aluminium oxide
  - » Gold and non precious-metals
- » Cement according to DIN EN ISO 9917-1
- » Available in two setting times: normal and fast setting
- » Well-proven since 1892

(Mixing advice see page 86)

Also available in OptiCaps®

- » For permanent luting of crowns and bridges
- » Quantity for 1 to 2 crowns
- » Mixing time: 10 sec
- » Working time: 1:30 min from start of mixing



Order Details		
<b>Harvard Cement normal setting</b>		
<b>Powder</b>	Single powder	Clinic powder
Shade	35 g	100 g
1 - White	7002501	7002201
2 - Bluish white		7002202
3 - Yellowish white	7002503	7002203
4 - Light yellow	7002504	7002204
5 - Yellow		7002205
<b>Liquid</b>	Single liquid	Clinic liquid
	15 ml	40 ml
	7002600	7002300
<b>Harvard Cement quick setting</b>		
<b>Powder</b>	Single powder	Clinic powder
Shade	35 g	100 g
1 - White	7001501	7001201
2 - Bluish white		7001202
3 - Yellowish white	7001503	7001203
4 - Light yellow		7001204
5 - Yellow		7001205
<b>Liquid</b>	Single liquid	Clinic liquid
	15 ml	40 ml
	7001600	7001300
<b>10 OptiCaps® ea. 0.5 g,</b> Shade 3 - Yellowish white ea. packed in aluminum pouch		7081310
<b>50 OptiCaps® ea. 0.5 g,</b> Shade 3 - Yellowish white ea. packed in aluminum pouch		7081350
<b>Harvard Applier OptiCaps®</b>		7092000



## Harvard Polycarboxylat Cement

Zinc polycarboxylate cement for permanent luting and lining

- » Non-irritant for sensitive teeth
- » Cement according to DIN EN ISO 9917-1
- » Easy and safe application
- » Unmatched price / performance ratio for luting materials

(Mixing advice see page 86)



Order Details		
<b>Powder</b>	Single powder	Clinic powder
Shade	35 g	100 g
3 - Yellowish white	7031503	7031203
4 - Light yellow	7031504	7031204
<b>Liquid</b>	Single liquid	Clinic liquid
	15 ml	40 ml
	7031600	7031300

# Transparent Matrix Material Prosthetics

## Harvard TransMatrix

**Transparent matrix** and bite registration material  
based on vinyl polysiloxane

### Order Details

2 x 50 ml automix cartridge, shade transparent, 12 mixing tips	7083798
Harvard Auto 1:1 O-Green Refill bag with 50 mixing tips	7096000
Harvard Dispenser Automix 1:1	7095100

- » Transparent to allow perfect light cure of composite through the matrix
- » Appropriate final hardness and good detail reproduction
- » Original shape remains unaltered
- » Dimensionally stable over time and after disinfection
- » Perfect consistency and thixotropy
- » Fast setting time (1:20 min in mouth)
- » Comfortable for the patient with neutral taste and flavor
- » Time-saving – direct application in the mouth
- » Also usable as transparent bite registration material



Dr. Amir Ibrik D.D.S, N.D.B, E.R.B, MSc



### „Easy application of Harvard TransMatrix.“

- 1: Initial situation
- 2: Application of Harvard TransMatrix to the surface to be prepared and adjacent teeth
- 3: Fast curing time (1:20 min intraorally)
- 4: Complete matrix
- 5: Tooth preparation
- 6: Etching of the prepared surface with **Harvard Etch**
- 7: Application of adhesive system, e.g. **Harvard InterLock® ONE**
- 8: Application of a moldable composite into the matrix, e.g. **Harvard UltraFill**
- 9: Correct repositioning of the filled matrix into the oral cavity
- 10: 40 sec light curing through the matrix, repeat the procedure after removing the matrix
- 11: Excess removal and polishing with suitable rotary instruments and, if necessary, finishing strip
- 12: Finished direct composite restoration

## Harvard ClearMatrix

Crystal-clear matrix material based on vinyl polysiloxane

- » Very high transparency, allows perfect light cure of composite through the matrix
- » Optimal flow behavior
- » High tear resistance and stability with simultaneous flexibility
- » Time saving for veneers created using the chariside technique
- » Working time: 45 seconds
- » Setting time in the mouth: approx. 2 minutes
- » Especially suitable for:
  - » Injection molding technique
  - » Temporary crowns and bridges
  - » Composite layering technique
- » Dimensionally stable over time and after disinfection

### Order Details

2 x 50 ml automix cartridge, 12 mixing tips	7083799
Harvard Auto 1:1 O-Green Refill bag with 50 mixing tips	7096000
Harvard Dispenser Automix 1:1	7095100



The crystal-clear view of Harvard ClearMatrix ensures easy visual control. In addition, the material allows for very good light curing through the silicone.

Harvard ClearMatrix adapts perfectly to the structure of the tooth surface, perfectly reproducing every detail.

The material can be easily cut, and is perfect for the injection technique.

**EXTRA  
CLEAR!**

