

**EASY  
PRECISE  
VERSATILE  
FAST**

# **primosplint**

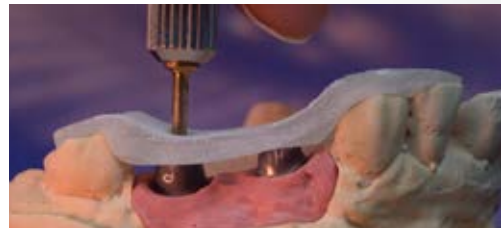
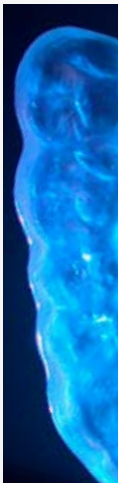
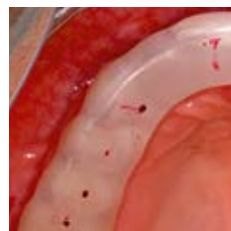
light cured composite splint material

in general light cured composite is the most precise,  
distortion-free and antiallergenic material for  
night guards and more

# EASY PRECISE VERSATILE FAST



light cured  
composite  
rods, MMA  
and peroxide  
free





# primosplint

## uses

- function therapy bite splints
- night guards
- verification indexes
- insertion guides
- transfer jigs

## advantages

- very quick and easy to work with
- modelling playdough like consistency at room temperature – no heat needed
- cures reliably in most conventional light curing units
- extremely precise, no noticeable shrinkage, expansion or distortion
- abrasion-optimized, protects the tooth structure and the TMJ
- MMA and peroxide free – lowest allergic potential for technician and patient
- fully autoclavable – no distortion during steam sterilisation
- can be easily bonded to other materials (PMMA-acrylic or suck down matrix)
- no taste or smell and easy to repair

## technical tips

When opening a new stick of Primosplint gently knead it for about 10 to 15 seconds to soften up the material. This will make the material softer and easier to work with.

For maximum clarity lightly sandblast the finished splint (approx. 110 micron aluminium oxide, 30 PSI) inside and outside. Then apply one thin layer of primoglaze on the inside, blow off any excess and apply two thin layers on the outside. Light cure according to the instructions.

If adding Primosplint to a suck down matrix, make sure that the surface is roughened well enough before applying Primostick bonder.

Do not use strong strobe lights for curing.

Any further technical questions – please call **203-682-6429**

## background

Primosplint is a thixotropic material, meaning the more energy put into it, the softer and more pliable it gets.

Primosplint provides the highest strength without any brittleness because tensile strength and modulus of elasticity have been optimized for bite splint applications.

Splints made of primosplint have a very high accuracy of fit, meaning they are utmost dimensionally stable during and after polymerization. This prevents "rocking" or "seesawing" effects.

The mechanical properties of primosplint have been carefully tuned to relieve the temporomandibular joint and protect the tooth structure. With a flexural strength of > 70 MPa and a modulus of elasticity of > 1500 MPa, bite splints made of primosplint meet the mechanical requirements asked for by modern splint therapy.



# JUST A FEW STEPS TO PERFECT RESULTS!!!



Finished Case

## [ working procedure ]



**1**  
primosplint - light cured composite in rod shape



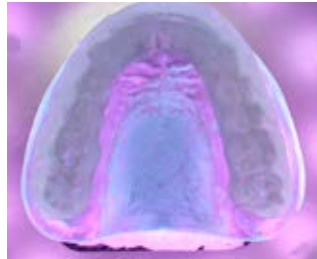
**2**  
easy adaptation at room temperature (no heat needed)



**3**  
establish centric and disclusion



**4**  
polymerisation in one of the metalight units...



...or in most conventional UV-A curing lights



**5**  
lift-off the model




**6**  
no shrinkage, no rocking, easy to finish and glaze



**7**  
verify occlusion and glaze or polish

# ORDERING INFO

## primosplint Starter Kit

Item #	Item	Price
PS-KIT	 <p><b>Primosplint PS-Kit1</b> – one each of:            PS 100, box with 12 primosplint rods            PS 202, bottle of light cure bonding material            PS 203, bottle of stone model separator            PS 204, bottle of light cure glaze lacquer            PS 205, bottle of cleaning liquid            IM 200, instruments and finger separator</p>	\$ 249.00

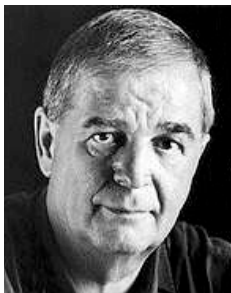
## primosplint refill components

Item #	Item	Price
PS 100	 <p><b>Box with 12 rods of Primosplint</b>            – light cure composite material –            8.3 grams each per pack</p>	\$ 129.00
PS 202	 <p><b>10 ml bottle primostick</b>            – light cure bonding material</p>	\$ 27.00
PS 203	 <p><b>50 ml bottle primosep</b>            – stone model separator</p>	\$ 21.00
PS 204	 <p><b>10 ml bottle primoglaze</b>            – light cure glaze lacquer</p>	\$ 29.00
PS 205	 <p><b>50 ml bottle primoclean</b>            – cleaning liquid</p>	\$ 21.00
IM 200	 <p><b>Metatouch</b>            – Instruments and fingers separator, 43g jar</p>	\$ 39.00

## publications

- **Implant Cases Made Easy**  
by Christina Ketzinger CDT  
and Andreas Hoffmann MDT  
published in Spectrum dialogue  
Vol. 7 No. 8
- **primosplint: for faster, easier splints**  
by Andreas Hoffmann MDT  
published in Dental Technologies No. 71

Find these and more publications as well as the Material Safety Data Sheets (MSDS) under [www.primotecusa.com](http://www.primotecusa.com) or call primotec at **203-582-6429** for your free printed copy.



### **Dr. Diether Reusch**

Privatpraxis für Zahnmedizin,  
Westerburg, Germany

“Especially for our CMD therapy patients, primosplint offers us the needed perfect passive fit to ensure best treatment results. To easily verify occlusal contacts and disclusion we prefer the primosplint surface finish with lesser translucency.”



# easy, precise, versatile, fast

light cured composite rods, MMA and peroxide free –  
for function therapy bite splints and many more applications.



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