

## New Dental Materials

Centrix recently introduced **RapidCore® MiniMix™**, a unit-dose, 0.5 g automix delivery system of its RapidCore® buildup resin composite that is designed to be dispensed with the Centrix C-R® Snap-Fit™ Composite Placement Syringe. RapidCore® is marketed as a self-cure composite core paste that is touted to have polymerization initiation at the warm tooth interface which is said to control shrinkage and reduce polymerization stresses. This core resin composite is

advertised to feature a thixotropic viscosity that reduces the need for matrix bands but affords sufficient flow to allow placement within preparation features. RapidCore® is said to allow crown preparation to start in two minutes after placement while providing the same resistance to cutting as dentin. The material is further advertised as being radiopaque and is available in three shades: Natural (#310126), White (#310127), and Contrast Blue (#310128). RapidCore® MiniMix™ is ordered in units of 12 automix cartridges of each shade, includes 12 mixing nozzles, and is available for \$89.95 (suggested retail) and \$53.97 (government).



**For additional information contact Centrix Dental at:**

(800) 235-5862,  
(203) 929-5582,  
(203) 944-2872 FAX, or  
[www.centrixdental.com](http://www.centrixdental.com).

Dentsply Caulk recently introduced **SMARTCEM2**, an automixed, self-adhesive resin luting system that is said to effectively bond to porcelain, composite, all-ceramic, and metal-based substrates. SMARTCEM2 offers two delivery systems—an automix syringe or the single use digit® dose. SMARTCEM2 is available in five shades (Light, Medium, Dark, Transparent, and Opaque), and is advertised to allow two minutes of working time that includes a gel phase designed to provide easy removal of excess cement before the final set. Final set is said to be achieved by either light activation of each restoration surface for ten seconds or allowed to set for six minutes in a self-cure mode. SMARTCEM2 is further touted as possessing low film thickness, minimal dimensional change, and requires no refrigerated storage. The SMARTCEM2 Syringe Introductory kit (#669001) is available for \$241.70 (suggested retail) and \$145.73 (government) and contains one 5 gram syringe of each shade and 50 mixing tips. The SMARTCEM2 digit® Introductory kit (#669002) is available for \$166.70 (suggested retail) and \$100.50 (government) and contains 5 digit® unit doses of each shade, a syringe dispenser, 25 mixing tips, and 25 intraoral tips. Refills for each shade are also available in both delivery systems.



**For additional information contact Dentsply/Caulk at:**

(800) 532-2855,  
(302) 422-4511,  
(800) 788-4110 FAX,  
[www.dentsply.com](http://www.dentsply.com), or  
[www.caulk.com](http://www.caulk.com).