

Exchange Act (17 CFR 240.13e-4(c))

Item 2.03. Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant

On October 16, 2009, the Company entered into a Note Purchase Agreement with a group of initial purchasers, providing for the issuance by the Company on a delayed basis, no later than February 19, 2010, of \$250.0 million aggregate principal amount of fixed rate 4.11% Senior Notes with an average maturity of five years and a final maturity in six years, through a private placement. The net proceeds after deducting fees and expenses of the loan are \$250.0 million. The proceeds will be used to refinance the March 15, 2010 \$150.0 million Private Placement Note and general corporate purposes. The obligations of Dentsply and the lenders are subject to the terms and conditions of the Note Purchase Agreement, which is attached as exhibit 99.1. For further information in accordance with item 2.03, please reference exhibit 99.1.

The Notes have not been registered under the Securities Act of 1933, as amended (the Securities Act) or any state securities laws, and may not be offered or sold in the United States without registration or an applicable exemption from the registration requirements of the Securities Act. This current report on Form 8-K does not constitute an offer to sell or the solicitation of an offer to buy the Notes.

Item 1.01. Entry into Material Definitive Agreement.

The information provided in Item 2.03 of this Current Report on Form 8-K is incorporated by reference into this Item 1.01.

Item 9.01. Financial Statements and Exhibits.

- (a) Not applicable.
- (b) Not applicable.
- (c) Not applicable.
- (d) Exhibits. The following exhibits are being filed herewith:
 - (99.1) Note Purchase Agreement, dated October 16, 2009.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Company has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

DENTSPLY INTERNATIONAL INC
(Company)

/s/ Brian M. Addison
Brian M. Addison
Vice President, Secretary and
General Counsel

Date: October 16, 2009