REGAL BELOIT CORP Form 8-K August 23, 2011

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 8-K **CURRENT REPORT** Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of Report (Date of earliest event reported): August 23, 2011 Regal-Beloit Corporation (Exact name of registrant as specified in its charter) Wisconsin 1-7283 39-0875718 (State or other jurisdiction of (Commission File Number) (IRS Employer Identification incorporation) No.) 200 State Street, Beloit, Wisconsin 53511-6254 (Address of principal executive offices, including Zip code) (608) 364-8800 (Registrant's telephone number) Not Applicable (Former Name or Former Address, if Changed Since Last Report) Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions: Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01. Regulation FD Disclosure.

On August 23, 2011, Regal Beloit Corporation (the "Company") held a conference call pertaining to the acquisition of A. O. Smith's Electrical Products Company and provided a presentation in connection therewith. A copy of the Company's conference call presentation is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibits.

- (a) Not Applicable(b) Not Applicable
- (c) Not Applicable
- (d) Exhibits. The following exhibit is being furnished herewith:
- 99.1 Regal Beloit Corporation Presentation of August 23, 2011.

SIGNATURES

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

REGAL BELOIT CORPORATION

Date: August 23, 2011

Underwood

Peter C. Underwood

Vice President – General Counsel & Secretary

By: /s/ Peter C.

REGAL BELOIT CORPORATION Exhibit Index to Report on Form 8-K Dated August 23, 2011

Exhibit Number Exhibit Description

99.1 Regal Beloit Corporation Presentation of August 23, 2011.