
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):

May 13, 2005

Cabot Corporation

(Exact name of registrant as specified in its charter)

Delaware

1-5667

04-2271897

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(I.R.S. Employer
Identification No.)

Two Seaport Lane, Suite 1300, Boston,
Massachusetts

02210-2019

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

617-345-0100

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))
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Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers.

On May 13, 2005, John A. Shaw, an Executive Vice President and the Chief Financial Officer of Cabot Corporation advised the Company of his decision to leave the Company at the end of calendar year 2005. On May 18, 2005, Cabot Corporation issued a press release announcing Mr. Shaw's planned departure, the text of which is attached as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits.

99 Press release issued by Cabot Corporation on May 18, 2005 announcing the departure of John A. Shaw, an Executive Vice President and the Chief Financial Officer of Cabot, effective December 31, 2005.

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.

Cabot Corporation

May 18, 2005

By: *Kennett F. Burnes*

Name: Kennett F. Burnes

Title: Chairman of the Board, Chief Executive Officer and President

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99	Press release issued by Cabot Corporation on May 18, 2005 announcing the departure of John A. Shaw, an Executive Vice President and the Chief Financial Officer of Cabot, effective December 31, 2005.

FOR IMMEDIATE RELEASE Contact:

Susannah Robinson
Director, Investor Relations
617-342-6244
susannah_robinson@cabot-corp.com

**CABOT CORPORATION ANNOUNCES EXPECTED DEPARTURE
OF CHIEF FINANCIAL OFFICER**

Boston, MA— (May 18, 2005) — Cabot Corporation (NYSE: CBT) announced today that on May 13, 2005, John A. Shaw, an Executive Vice President and the Chief Financial Officer of Cabot Corporation, advised the Company of his decision to leave the Company at the end of calendar year 2005. Until that time, Mr. Shaw, who has been Cabot's Chief Financial Officer since January 2002, will continue to serve in his current position. Commenting on Mr. Shaw's planned departure, Kennett F. Burnes said "I thank John for the leadership he has provided to Cabot's finance organization over the last several years, and am pleased that he will remain at the Company to guide the year-end finance activities. John has served this Company with distinction and we wish him well in the future."

Cabot Corporation is a global specialty chemicals and materials company headquartered in Boston, Massachusetts, USA. Cabot's major products are carbon black, fumed silica, inkjet colorants, capacitor materials, and cesium formate drilling fluids. The website address is: www.cabot-corp.com.