
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):

July 11, 2008

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 Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

At its meeting on July 11, 2008, the Board of Directors of Cabot Corporation ("Cabot"), based on the recommendation of the Board's Governance and Nominating Committee, elected John K. McGillicuddy as a director of Cabot and appointed Mr. McGillicuddy to the Board's Audit Committee, both effective September 11, 2008.

There is no arrangement or understanding between Mr. McGillicuddy and any other person pursuant to which he was selected to become a member of the Board, nor are there any transactions between Mr. McGillicuddy and Cabot or any subsidiary of Cabot that are reportable under Item 404(a) of Regulation S-K.

Mr. McGillicuddy will receive compensation for his service as a non-employee director as described under the heading "Director Compensation" in Cabot's Proxy Statement for the 2008 Annual Meeting of Stockholders, which description is incorporated herein by reference. As part of such compensation, on September 11, 2008, Mr. McGillicuddy will be granted 833 shares of Cabot common stock.

A copy of the press release announcing Mr. McGillicuddy's election is attached as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01 Financial Statements and Exhibits.

Exhibit No. Description

99.1 Press Release dated July 14, 2008

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

July 14, 2008

By: */s/ Brian A. Berube*

Name: Brian A. Berube

Title: Vice President and General Counsel

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated July 14, 2008

FOR IMMEDIATE RELEASE

Contact: Karen M. Morrissey
Vice President, Corporate Affairs
617-342-6221
karen_morrissey@cabot-corp.com

Susannah Robinson
Director, Investor Relations
617-342-6129
susannah_robinson@cabot-corp.com

Cabot Corporation Board Elects New Director

BOSTON, July 14, 2008 /PRNewswire-FirstCall/ — The Cabot Corporation (NYSE: CBT) Board of Directors announced today that John K. McGillicuddy was elected as a member of the Board of Directors effective September 11, 2008. He will also be a member of the Board's Audit Committee.

Mr. McGillicuddy is currently a Director and Audit Committee Chair of Watts Water Technologies, Inc. and Brooks Automation, Inc. After a 35 year career, he retired as a partner with the international accounting firm of KPMG LLP in 2000 where he served as an audit partner, SEC reviewing partner and as the partner-in-charge of Professional Practice. His areas of specialization were high technology, retailing and manufacturing.

John F. O'Brien, Non-Executive Chairman of Cabot's Board of Directors stated, "We are pleased to welcome John to the Board. His broad business experience will further strengthen our Board and his deep financial expertise and experience with the increasing demands and requirements of corporate audit committees will assist Cabot in continuing its excellent history of sound financial management."

Mr. McGillicuddy who graduated from Boston College and resides in Wayland, MA is a past Chairman of the Better Business Bureau of Massachusetts.

About Cabot Corporation

Cabot Corporation is a global performance 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: <http://www.cabot-corp.com>.

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