

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 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): January 4, 2005

CABOT CORPORATION

(Exact Name of Registrant as Specified in Its Charter)

DELAWARE

(State or Other Jurisdiction of Incorporation)

1-5667

(Commission File Number)

04-2271897

(IRS Employer Identification No.)

TWO SEAPORT LANE, SUITE 1300, BOSTON, MASSACHUSETTS

(Address of Principal Executive Offices)

02210-2019

(Zip Code)

(617) 345-0100

(Registrant's Telephone Number, Including Area Code)

(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 (see General Instruction A.2. below):

- 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 8.01 Other Events.

On January 4, 2005, Cabot Corporation issued a press release announcing certain management changes in its Supermetals and Fumed Metal Oxides businesses. The text of the press release is attached as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01 Financial Statements and Exhibits.

(c) Exhibits.

99.1 Press release issued by Cabot Corporation on January 4, 2005 announcing senior management changes.

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

By: /s/ John A. Shaw

Name: John A. Shaw

Title: Executive Vice President and Chief Financial Officer

Date: January 5, 2005

EXHIBIT INDEX

<u>Exhibit Number</u>	<u>Title</u>
99.1	Press release issued by Cabot Corporation on January 4, 2005 announcing senior management changes.

FOR IMMEDIATE RELEASE

CABOT CORPORATION ANNOUNCES SENIOR MANAGEMENT CHANGES

Boston, MA— (January 4, 2005) — Cabot Corporation (NYSE: CBT) announced today that Eduardo E. Cordeiro, Vice President, has been named General Manager of Cabot Supermetals (CSM), effective immediately. In addition to his new role with CSM, Mr. Cordeiro will continue to manage two emerging Cabot Superior MicroPowders businesses: Printed Electronic Displays (PEDS) and Energy Materials (EM).

Mr. Cordeiro joined Cabot six years ago and was previously General Manager of Cabot's Fumed Metal Oxides (FMO) business. Elected a Vice President in 2003, he has held several senior management positions at Cabot, including Corporate Controller and Director of Investor Relations. He holds a B.A. and an MBA from Harvard University.

Carol Flack, a Vice President of Cabot who was General Manager, CSM, will leave that position to rejoin Cabot's Strategic Planning Group.

Ravijit Paintal, who has been General Manager of Cabot's Aerogels business for the past 16 months, will begin the transition process to take on the additional responsibilities of General Manager for Cabot's Fumed Metal Oxides business. Mr. Paintal joined Cabot in 2003 as a member of the Strategic Planning Group. Before joining Cabot, he worked with the Boston Consulting Group and Schlumberger Oilfield Services. He is a graduate of the Indian Institute of Technology (New Delhi, India) and holds an MBA from Harvard University.

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.

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