FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* MACLEOD RODERICK | | | | | | 2. Issuer Name and Ticker or Trading Symbol CABOT CORP [CBT] | | | | | | | | | | | licable) | , | | |
|--|---|--|---|------------------|--------|--|---|---|--------|---|--------|---|---------------|--------------|----------------------|--|---|---|-------------------------|---|
| (Last) (First) (Middle) C/O CABOT CORPORATION | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 05/13/2005 | | | | | | | | | 71 | | er (give title | | Other (specify below) | |
| TWO SEAPORT LANE (Street) BOSTON MA 02210 | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | . Indivine) | X Form filed by One Reporting Person Form filed by More than One Reporting | | | | |
| (City) | (Sta | ate) (2 | Zip) | | - | | | | | | | | | | | Pers | on | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/E | | | | | | ar) i | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Code (| Transaction Dispos Code (Instr. 5) | | ities Acquired (A) d Of (D) (Instr. 3, 4 | | | 4 and Secui Benet | | cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | | | | | Code | v | Amount | | (A) or (D) | Price | | Transaction(s) (Instr. 3 and 4) | | | | (111501.4) |
| Common Stock 05/13/ | | | | | 3/2005 | | | | | | 2,000 | | D | (2) | | 46,100 | | Г |) | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | |
| Security or (Instr. 3) Pi | Conversion or Exercise Price of Perivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deeme Execution if any (Month/Da | Date, y/Year) | | ransaction ode (Instr. | | of Derivative (Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | Date Exercisa Expiration Date Month/Day/Yea | | 7. Title and Amount of Securities Underlying Derivative Security (Inst and 4) Amou or Numb of | | ount nber | | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownershi Form: Direct (D) or Indirec (I) (Instr. 4 | n: ct (D) idirect | Beneficial Ownership (Instr. 4) |

Explanation of Responses:

1. On January 14, 2005, the reporting person was granted 2,000 shares of Cabot common stock pursuant to Cabot's Non-Employee Directors' Stock Compensation Plan. The grant was rescinded on May 13, 2005.

2. Transaction has no price associated with it.

Remarks:

Michaela Allbee, pursuant to a power of attorney from 05/13/2005 Roderick MacLeod

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.