

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

<b>1. Name and Address of Reporting Person*</b> <u>Paintal Ravijit</u>  (Last) (First) (Middle) C/O CABOT CORPORATION TWO SEAPORT LANE  (Street) BOSTON MA 02210  (City) (State) (Zip)	<b>2. Date of Event Requiring Statement (Month/Day/Year)</b> 01/14/2005	<b>3. Issuer Name and Ticker or Trading Symbol</b> CABOT CORP [ CBT ]	<b>5. If Amendment, Date of Original Filed (Month/Day/Year)</b>
		<b>4. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b> Director _____ 10% Owner _____ Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) General Manager, FMO/Aerogels	<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b> <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	16,500	D	
Common Stock	208	I	Through the Trustee of the Corporation's Retirement Savings Plan.

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Series B ESOP Convertible Preferred Stock	(1)	(1)	Common Stock 1,202	(2)	I	Through the Trustee of the Corporation's Retirement Savings Plan.

**Explanation of Responses:**

- Under the Retirement Savings Plan, the Corporation allocates Series B ESOP Convertible Preferred Stock to each participant's account on a quarterly basis. Subject to certain terms and conditions of the Retirement Savings Plan, participants may elect to receive distributions of their vested account balance in the form of shares of the Corporation's common stock or cash. Generally, a participant is 20% vested in his account after 2 years of service with the Corporation; 40% vested after 3 years of service; 60% vested after 4 years of service; and 100% vested after 5 years of service.
- Each share is convertible into 146.3782 shares of the Corporation's common stock.

**Remarks:**

Michaela Allbee, pursuant to a power of attorney from Ravijit Paintal

01/24/2005

\*\* 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 5 (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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Jane A. Bell, Michaela Allbee and Brian A. Berube, signing singly, the unde

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Cabot Corporation (the "Company"), Forms 3, 4, and
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5 (inc
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary,

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 12th day of January, 2005.

/s/ Ravijit Paintal

Signature