

CABOT CORP
Form S-3ASR
September 21, 2009

As filed with the Securities and Exchange Commission on September 21, 2009

Registration No. 333-

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM S-3
REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

CABOT CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of

incorporation or organization)

Two Seaport Lane, Suite 1300, Boston, Massachusetts 02210

04-2271897
(I.R.S. Employer

Identification No.)

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(617) 345-0100

(Address, including zip code and telephone number, including area code, of registrant's principal executive offices)

Brian A. Berube, Esq.

Vice President and General Counsel

Cabot Corporation

Two Seaport Lane, Suite 1300

Boston, Massachusetts 02210

(617) 345-0100

(Name, address, including zip code, and telephone number, including area code, of agent for service)

With copies to:

Keith F. Higgins

Ropes & Gray LLP

One International Place

Boston, Massachusetts 02110

Telephone: (617) 951-7000

Fax: (617) 951-7050

Approximate Date of Commencement of Proposed Sale of the Securities to the Public:

From time to time after the effective date of this Registration Statement.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. "

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. x

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. "

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. "

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If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

*Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer
 Non-accelerated filer

Accelerated filer
 Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered (1)	Proposed maximum offering price per unit (1)	Proposed maximum aggregate offering price (1)	Amount of registration fee (2)
Debt Securities				

- (1) An indeterminate aggregate initial offering price and amount of debt securities is being registered as may from time to time be offered at indeterminate prices.
 (2) In accordance with Rules 456(b) and 457(r) under the Securities Act, the registrant is deferring payment of all of the registration fee.

Prospectus

Debt Securities

Cabot Corporation (Cabot and, together with its consolidated subsidiaries, the Company) may offer from time to time in one or more series unsecured debt securities (Debt Securities) in amounts, at prices and on other terms to be determined at the time of offering. The Debt Securities may be offered in separate series in amounts, at prices and on terms to be set forth in one or more supplements to this Prospectus (each a

Prospectus Supplement). You should rely only on the information contained in or incorporated by reference in this Prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in or incorporated by reference in this Prospectus is accurate as of any date other than the date on the front of this Prospectus. Unless stated otherwise or the context otherwise requires, the terms Cabot, we, us, and our refer to Cabot Corporation, a corporation organized under the laws of Delaware and its subsidiaries.

The specific terms of the Debt Securities for which this Prospectus is being delivered (the Offered Securities) will be set forth in the applicable Prospectus Supplement and will include, where applicable, the specific title, aggregate principal amount, ranking, currency, form (which may be registered or bearer, or certificated or global), authorized denominations, maturity, rate (or manner of calculation thereof) and time of payment of interest, terms for redemption at the option of Cabot or repayment at the option of the holder, terms for sinking fund payments, covenants and any initial public offering price.

The applicable Prospectus Supplement will also contain information, where appropriate, about certain United States federal income tax considerations relating to, and any listing on a securities exchange of, the Debt Securities covered by such Prospectus Supplement.

The Debt Securities may be offered directly, through agents designated from time to time by Cabot or to or through underwriters or dealers. If any agents or underwriters are involved in the sale of any of the securities, their names, and any applicable purchase price, fee, commission or discount arrangement between or among them, will be set forth, or will be calculable from the information set forth, in an accompanying Prospectus Supplement. See Plan of Distribution. Except as otherwise permitted by law, no Debt Securities may be sold without delivery of a Prospectus Supplement describing the method and terms of the offering of such Debt Securities.

Investing in the Debt Securities involves certain risks. See Item 1A-Risk Factors in Cabot s most recent Annual Report on Form 10-K incorporated by reference in this Prospectus, and in any Quarterly Report on Form 10-Q or applicable Prospectus Supplement, for a discussion of the factors you should carefully consider before deciding to purchase these Debt Securities.

The address of the Company s principal executive offices is Two Seaport Lane, Suite 1300, Boston, Massachusetts 02210 and the telephone number at the Company s principal executive offices is (617) 345-0100.

These Debt Securities have not been approved or disapproved by the Securities and Exchange Commission nor has the Securities and Exchange Commission passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this Prospectus is September 21, 2009

AVAILABLE INFORMATION

Cabot is subject to the informational requirements of the Securities Exchange Act of 1934, as amended (the Exchange Act), and in accordance therewith files reports, proxy statements and other information with the Securities and Exchange Commission (the SEC or the Commission). Such reports, proxy statements and other information filed by the Company can be inspected and copied at the Public Reading Room maintained by the Commission at 100 F Street, N.E., Washington, D.C. 20549. Copies of such materials can be obtained upon written request from the Public Reading Room of the Commission at 100 F Street, N.E., Washington, D.C. 20549, at prescribed rates, by calling the Commission at (800) 732-0330.

Cabot files information electronically with the Commission, and the Commission maintains a website that contains reports, proxy and information statements and other information regarding registrants (including the Company) that file electronically with the Commission. The address of the Commission's website is <http://www.sec.gov>.

Cabot has filed with the Commission a Registration Statement on Form S-3 under the Securities Act of 1933, as amended (the Securities Act), with respect to the Debt Securities. This Prospectus, which constitutes a part of the Registration Statement, does not contain all of the information set forth in the Registration Statement and the exhibits and financial schedules thereto, certain parts of which are omitted in accordance with the rules and regulations of the Commission. The Registration Statement, including exhibits thereto, may be inspected and copied at the locations described above. Statements contained in this Prospectus as to the contents of any document referred to are not necessarily complete, and in each instance reference is made to the copy of such document filed as an exhibit to the Registration Statement, each such statement being qualified in all respects by such reference.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The following documents previously filed by Cabot with the Commission pursuant to the Exchange Act are incorporated in this Prospectus by reference:

Cabot's Annual Report on Form 10-K for the fiscal year ended September 30, 2008.

Cabot's Quarterly Reports on Form 10-Q for the fiscal quarters ended December 31, 2008, March 31, 2009 and June 30, 2009.

Cabot's Proxy Statement on Scheduled 14A filed on January 28, 2009 and Definitive Additional Materials on Schedule 14A filed on February 27, 2009.

Cabot's Current Reports on Form 8-K filed on November 19, 2008, December 11, 2008, January 20, 2009, January 29, 2009 (Film No. 09553982 only), March 18, 2009, September 9, 2009 and September 16, 2009.

All documents filed by Cabot pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of this Prospectus and prior to the termination of the offering of all Debt Securities shall be deemed to be incorporated by reference in this Prospectus and to be a part hereof from the date of filing of such documents.

Any statement contained herein or in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded for purposes of this Prospectus to the extent that a statement contained herein (or in an applicable Prospectus Supplement) or in any subsequently filed document that is incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed to constitute a part of this Prospectus or any Prospectus Supplement, except as so modified or superseded.

ANY PERSON RECEIVING A COPY OF THIS PROSPECTUS MAY OBTAIN, WITHOUT CHARGE, UPON WRITTEN OR ORAL REQUEST, A COPY OF ANY OF THE DOCUMENTS INCORPORATED BY REFERENCE HEREIN. WRITTEN REQUESTS SHOULD BE MAILED TO JANE A. BELL, SECRETARY, CABOT CORPORATION, TWO SEAPORT LANE, SUITE 1300, BOSTON, MASSACHUSETTS 02210. TELEPHONE REQUESTS MAY BE DIRECTED TO MS. BELL AT (617) 345-0100.

Copies of these filings are also available, without charge, at the Investor Relations section of Cabot's website at www.cabot-corp.com. The other contents of Cabot's website have not been, and shall not be deemed to be, incorporated by reference into this Prospectus.

FORWARD LOOKING STATEMENTS

This Prospectus, including any related Prospectus Supplement and the documents incorporated herein and therein by reference, contains forward-looking statements under the Federal securities laws. These forward-looking statements address expectations or projections about the future, including our expectations concerning the amount and timing of the charge to earnings we will record and the cash outlays we will make in connection with our recent restructuring initiative; the amount and timing of charges and payments associated with restructurings and cost reduction initiatives we have previously undertaken; when we expect to begin using our recently completed rubber blacks manufacturing capacity to manufacture product; the amount and timing of payments associated with environmental remediation and respirator claims; the amount of previously recorded tax benefits we expect to reverse in the fourth quarter of fiscal 2009; the outcome of pending litigation; cash requirements and uses of available cash; our ability to remain in compliance with the financial covenants in our revolving credit facility; and our ability to meet cash requirements for the foreseeable future.

Forward-looking statements are based on our current expectations, assumptions, estimates and projections about Cabot's businesses and strategies, market trends and conditions, economic conditions and other factors. These statements are not guarantees of future performance and are subject to risks, uncertainties, potentially inaccurate assumptions, and other factors, some of which are beyond our control or difficult to predict. If known or unknown risks materialize, or should underlying assumptions prove inaccurate, our actual results could differ materially from those expressed in the forward-looking statements.

In addition to factors described elsewhere in this Prospectus, factors that might cause our actual results to differ materially from those expressed in the forward-looking statements include, but are not limited to, our ability to successfully implement and achieve the expected cost savings from our organizational restructurings and cost reduction initiatives; changes in raw material costs; lower than expected demand for our products; the timely commercialization of products under development (which may be disrupted or delayed by technical difficulties, market acceptance, competitors' new products, as well as difficulties in moving from the experimental stage to the production stage); demand for our customers' products; competitors' reactions to market conditions; fluctuations in currency exchange rates; patent rights of others; stock and credit market conditions; the accuracy of the assumptions we used in establishing a reserve for our share of liability for respirator claims; and the outcome of pending litigation and environmental proceedings; as well as the other factors and risks discussed in Cabot's most recent annual report on Form 10-K.

We undertake no obligation to publicly update forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. Investors are advised, however, to consult any further disclosures we make on related subjects in future 10-K, 10-Q and 8-K reports filed with the Securities and Exchange Commission.

THE COMPANY

Cabot's business was founded in 1882 and incorporated in the State of Delaware in 1960. Cabot is a global specialty chemicals and performance materials company headquartered in Boston, Massachusetts. Our principal products are rubber and specialty grade carbon blacks, inkjet colorants, fumed metal oxides, aerogels, tantalum and related products, and cesium formate drilling fluids. Cabot and its affiliates have manufacturing facilities and operations in the United States and approximately 20 other countries.

Our strategy is to deliver earnings growth through leadership in performance materials. We intend to achieve this goal by focusing on margin improvement, capacity expansion and emerging market growth, developing new products and businesses and actively managing our portfolio of businesses.

Our products are generally based on technical expertise and innovation in one or more of our three core competencies: making and handling very fine particles; modifying the surfaces of very fine particles to alter their functionality; and designing particles to impart specific properties to a composite. We focus on creating particles with the composition, morphology, surface functionalities and formulations to support existing and emerging applications.

During the third quarter of fiscal 2008, we changed our business and regional organizational structure. Under the new organizational structure, we are organized into four business segments: the Core Segment, which is further disaggregated for financial reporting purposes into the Rubber Blacks and the Supermetals Businesses, the Performance Segment, the New Business Segment and the Specialty Fluids Segment. Under the new regional structure, we are organized into three geographic regions: The Americas, which includes North and South America; Europe, Middle East and Africa (EMEA); and Asia Pacific, including China.

USE OF PROCEEDS

Unless otherwise described in the applicable Prospectus Supplement, the Company intends to use the net proceeds from the sale of the Debt Securities for general corporate purposes, which may include the repayment of outstanding debt. Pending such uses, the proceeds may be invested temporarily in short-term securities.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our consolidated ratio of earnings to fixed charges and preferred stock dividends for the periods listed below:

	Nine months ended June 30, 2009	Nine months ended June 30, 2008	Fiscal year ended September 30, 2008	Fiscal year ended September 30, 2007	Fiscal year ended September 30, 2006	Fiscal year ended September 30, 2005	Fiscal year ended September 30, 2004
Ratio of Earnings to Fixed Charges and Preferred Stock Dividends ¹	N/A ²	3.6x	3.2x	5.0x	3.7x	N/A ³	5.6x

(1) Earnings to fixed charges is calculated as follows: the sum of (i) earnings, defined as (loss) income from continuing operations plus dividends received from equity affiliates and (ii) fixed charges, defined as the sum of interest on indebtedness, implied interest on rental payments, and preferred stock dividends, divided by fixed charges.

(2) The earnings to fixed charges ratio is negative because of the earnings loss. The total dollar amount of the deficiency is \$92 million.

(3) The earnings to fixed charges ratio is negative because of the earnings loss. The total dollar amount of the deficiency is \$92 million.

DESCRIPTION OF DEBT SECURITIES

The Debt Securities will be issued under an Indenture (as amended or supplemented from time to time, the Indenture) which will be entered into between us and U.S. Bank National Association, as trustee (the Trustee), a form of which is attached as an exhibit to the registration statement which contains this prospectus. The Indenture is subject to, and governed by, the Trust Indenture Act of 1939, as amended. The following summary of certain provisions of the Debt Securities and the Indenture does not purport to be complete and is qualified in its entirety by reference to the actual provisions of the Debt Securities and the Indenture. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture. The following sets forth certain general terms and provision of the Debt Securities to which any Prospectus Supplement may relate. The particular terms of the Debt Securities offered by any Prospectus Supplement, which we refer to as the Offered Securities, and the extent, if any, to which such general provisions may apply to the Debt Securities so offered, will be described in the Prospectus Supplement relating to such Offered Securities.

General

Reference is made to the Prospectus Supplement for the following terms of the Offered Securities: (1) the aggregate principal amount of the Offered Securities; (2) the percentage of their principal amount at which the Offered Securities will be issued, if issued at a discount from their principal amount; (3) the date on which the Offered Securities will mature; (4) the rate or rates (which may be fixed or variable) per annum at which the Offered Securities will bear interest, if any, or the method by which such interest rates will be determined; (5) the times at which such interest, if any, will be payable; (6) the date, if any, after which the Offered Securities may be redeemed at the option of Cabot or the Holder (as defined in the Indenture) and the redemption price; (7) the terms of any redemption, whether mandatory or optional; (8) the denominations in which the Offered Securities are authorized to be issued; (9) if other than U.S. dollars, the currency (including composite currencies) in which payment of principal of (and premium if any) and interest (if any) on such Offered Securities shall be payable; and (10) any other terms of the Offered Securities not inconsistent with the provisions of the Indenture.

Except as otherwise provided in the Prospectus Supplement, the Offered Securities will be issued in fully registered form only, in denominations set forth in the Prospectus Supplement, and may be transferred or exchanged upon payment of a fee, if applicable, to cover any tax or other governmental charge in connection therewith (Section 2.07 of the Indenture). Except as otherwise provided in the Prospectus Supplement principal, premium (if any) and interest (if any) will be payable, and the Offered Securities may be exchanged or transferred, at the principal office of the Trustee in New York, New York, or at a paying agency maintained by Cabot, except that, at Cabot's option, interest may be paid by its check mailed to the registered Holders of the Offered Securities (Sections 2.04 and 4.02 of the Indenture).

The Indenture provides that, in addition to any Debt Securities offered hereby, additional debt securities may be issued thereunder, without limitation as to the aggregate principal amount. The Indenture does not limit the incurrence by the Company or subsidiaries of other unsecured debt and does not limit the incurrence of secured debt by subsidiaries of Cabot which are not Restricted Subsidiaries (as defined below).

Permanent Global Securities

If any Debt Securities of a series are issuable in permanent global form, the Prospectus Supplement relating thereto will describe the circumstances, if any, under which beneficial owners of interests in any such permanent global Debt Security may exchange such interests for Debt Securities of such series and like tenor of any authorized form and denomination. A person having a beneficial interest in a permanent global Debt Security will, except with respect to payment of premium (if any) and interest (if any) on such permanent global Debt Security, be treated as a holder of such principal amount of outstanding Debt Securities represented by such permanent global Debt Security as shall be specified in a written statement of the Holder of such permanent global Debt Security. Principal of and premium (if any) and interest (if any) on a permanent global Debt Security will be payable in the manner described in the Prospectus Supplement relating thereto.

Certain Defined Terms

The following terms are defined in more detail in Section 4.01 of the Indenture:

Consolidated Net Tangible Assets means total assets of Cabot and its Restricted Subsidiaries less (1) total current liabilities (excluding long-term debt due within 12 months), (2) certain intangibles and (3) equity in and net advances to subsidiaries that are not Restricted Subsidiaries.

Debt means any debt for money borrowed and any guarantees of such debt but excludes non-recourse debt for money borrowed incurred (1) to develop or exploit oil, gas, or other mineral property and (2) to develop electrical generating facilities.

Exempted Debt means the total of the following incurred after the effective date of the Indenture: (1) the outstanding principal amount of Debt of Cabot and its Restricted Subsidiaries secured by any Lien other than a Lien permitted under clauses (1) through (9) below under the subcaption **Limitations on Liens**, and (2) the aggregate present value of rent due under leases of Cabot and its Restricted Subsidiaries for the remaining term of such leases, other than rent arising from a permitted Sale-Leaseback Transaction described in clauses (1) through (4) below under the subcaption **Limitation on Sale and Leaseback**.

Lien means any mortgage, pledge, security interest, or lien.

Principal Property means (1) real property, plants or buildings located in the United States owned or leased by Cabot or a Restricted Subsidiary with a gross book value, excluding depreciation, in excess of 2% of Consolidated Net Tangible Assets, (2) majority working interests in oil and gas properties located in the United States owned by Cabot or a Restricted Subsidiary which are classified by Cabot or such Restricted Subsidiary as capable of producing commercial quantities from existing production, gathering and transporting facilities and (3) any other property designated as such.

Restricted Property means Principal Property and Debt or stock of a Restricted Subsidiary.

Restricted Subsidiary means a Subsidiary the assets of which are primarily located in, or the business of which is primarily carried on in, the United States (except Cabot's subsidiaries engaged in the liquefied natural gas business), that is not engaged in certain businesses of finance, real estate or insurance, and any Subsidiary that may be designated in the future as a Restricted Subsidiary by Cabot's Board of Directors.

Sale-Leaseback Transaction means an arrangement pursuant to which Cabot or a Restricted Subsidiary transfers Principal Property to a third person and leases it back from such person.

Certain Covenants

Unless otherwise provided in the Prospectus Supplement, the following covenants of Cabot described under this caption are applicable to Debt Securities of all series issued under the Indenture. The covenants in the Indenture apply to Cabot and its Restricted Subsidiaries.

Limitation on Liens. Cabot may not, and may not permit any Restricted Subsidiary to, incur a Lien on Restricted Property to secure a Debt without making effective provision to secure the Debt Securities equally and ratably with such Debt unless: (1) the Lien is on property, Debt or stock of a corporation at the time the corporation becomes a Restricted Subsidiary; (2) the Lien is on such property at the time Cabot or a Restricted Subsidiary acquires or leases such property; (3) the Lien secures Debt incurred to finance all or some of the purchase price or cost of construction or improvement of property of Cabot or a Restricted Subsidiary (including substantially unimproved real property of Cabot or a Restricted Subsidiary); (4) the Lien secures a Debt of a Restricted Subsidiary owing to Cabot or another wholly owned Restricted Subsidiary; (5) the Lien is on property of a corporation at the time the corporation merges into or consolidates with Cabot or a Restricted Subsidiary;

(6) the Lien is on property of a person at the time the person transfers or leases all or substantially all of its assets to Cabot or a Restricted Subsidiary; (7) the Lien is in favor of a government or governmental entity and secures (i) payments pursuant to a contract or statute, or (ii) Debt incurred to finance all or some of the purchase price or cost of construction of the property subject to the Lien; (8) the Lien extends, renews, refunds or replaces in whole or in part a Lien referred to in clauses (1) through (7) above; or (9) the Lien is on oil, gas or other mineral property or on products or by-products produced or extracted from that property to secure non-recourse Debt or is on any electrical generating facility to secure non-recourse debt. Notwithstanding the above provisions, Cabot or any Restricted Subsidiary may, without equally and ratably securing the Debt Securities, grant a Lien securing Debt which would otherwise be prohibited by the limitations described above if, at the time of granting such Lien and after giving effect to any Debt secured by such Lien, Exempted Debt does not exceed 10% of Consolidated Net Tangible Assets (Section 4.03 of the Indenture).

Limitation on Sale and Leaseback. Cabot may not and may not permit any Restricted Subsidiary to, enter into a Sale-Leaseback Transaction unless: (1) the lease has a term including renewal rights of three years or less; (2) the lease is between Cabot and a Restricted Subsidiary or between Restricted Subsidiaries; (3) Cabot or the Restricted Subsidiary, pursuant to clause (3) or (7) contained under the subcaption *Limitation on Liens* above, could create a Lien on the Property to secure Debt; or (4) Cabot or a Restricted Subsidiary receiving the proceeds from such Sale-Leaseback Transaction, within 180 days after it is consummated, applies, or commits to apply, the proceeds or, if greater, the fair market value of the property as determined by Cabot's Board of Directors, to (a) the acquisition of Restricted Property, including the acquisition, construction, development or improvement of Principal Property, or (b) if permitted by the terms thereof, the redemption of securities of any series under the redemption provisions of the Indenture and such securities or the retirement or redemption of other Long-Term Debt of Cabot or a Restricted Subsidiary. However, no credit may be received for (i) the retirement of other Long-Term Debt at maturity or the redemption of securities or other Long-Term Debt pursuant to any mandatory redemption provision, or (ii) the retirement or redemption of any Long-Term Debt that is subordinated or junior to the securities or owed by Cabot to a Restricted Subsidiary. Notwithstanding the above prohibitions, Cabot or any Restricted Subsidiary may enter into a Sale-Leaseback Transaction if, at the time of entering into the transaction and after giving effect to it, Exempted Debt does not exceed 10% of Consolidated Net Tangible Assets (Section 4.04 of the Indenture).

Limitation on Sale or Transfer of Restricted Property. Cabot may not, and it may not permit any Restricted Subsidiary to, sell any Restricted Property to an Unrestricted Subsidiary unless it applies, or commits to apply, an amount equal to the fair market value of such Restricted Property at the time of such sale or transfer, as determined by the Board of Directors of Cabot, within 18 months after the effective date of the transaction, to (a) the acquisition of Restricted Property, including the acquisition, construction, development or improvement of Principal Property, or (b) if permitted by the terms thereof, the redemption of securities of any series under the redemption provisions of the Indenture and such securities or the retirement or redemption of other Long-Term Debt of Cabot or a Restricted Subsidiary. However, no credit may be received for (i) the retirement of other Long-Term Debt at maturity or the redemption of securities or other Long-Term Debt pursuant to any mandatory redemption provision, or (ii) the retirement or redemption of any Long-Term Debt that is subordinated or junior to the securities or owed by Cabot to a Restricted Subsidiary. (Section 4.05 of the Indenture).

Consolidation, Merger or Sale of Assets

Cabot may not consolidate with or merge into, or transfer all or substantially all of its assets to, another corporation unless (i) the successor corporation assumes all of the obligations of Cabot under the Indenture and Debt Securities, (ii) immediately after giving effect to the transaction, no Default would occur and be continuing, and (iii) the surviving corporation is organized under the laws of the United States or any State (the term Default includes Events of Default specified below with grace periods). Thereafter all such obligations of Cabot terminate (Section 5.01 of the Indenture).

If upon any such consolidation, merger or transfer, any Principal Property would become subject to an attaching Lien that secures Debt, then prior to such event Cabot must secure the Debt Securities by a direct Lien on such Principal Property. The direct Lien may equally and ratably secure the Debt Securities and any other obligation of Cabot or a Subsidiary entitled to such security. However, Cabot need not so secure the Debt Securities if (1) the attaching Lien is permitted under any of clauses (1) through (9) described under the subcaption Limitation on Liens, or (2) Cabot or a Restricted Subsidiary could incur Debt secured by a Lien otherwise subject to the limitations described under the subcaption Limitation on Liens, because after giving effect to such Debt, Exempted Debt would not exceed 10% of Consolidated Net Tangible Assets (Section 5.02 of the Indenture).

Events of Default and Notice Thereof

The following are defined in the Indenture as Events of Default with respect to any series of Debt Securities then outstanding: failure to pay interest when due on such series, continued for thirty days; failure to pay principal (other than a sinking fund payment) or any premium when due on such series; failure to make any sinking fund payment when due on such series, continued for 10 days; failure to comply with any of Cabot's other agreements in the Indenture or Debt Securities for 90 days after notice by the Trustee or Holders of at least 25% in principal amount of Debt Securities of such series then outstanding; default by Cabot or a Restricted Subsidiary under an agreement for money borrowed (including the Indenture) in excess of \$25,000,000 resulting in the acceleration of the due date of such debt, if not cured; and certain events of bankruptcy or insolvency of Cabot (Section 6.01 of the Indenture). If an Event of Default occurs and is continuing with respect to any series of Debt Securities, the Trustee or the Holders owning at least 25% in principal amount of the Debt Securities of such series then outstanding may declare the principal of and accrued interest on the Debt Securities of the respective series (or, if any of the Debt Securities of that series are original issue discount Debt Securities, such portion of the principal amount of such Debt Securities as may be specified in the terms thereof) to be due and payable immediately, but the Holders of a majority in principal amount of such series of Debt Securities then outstanding may, subject to certain conditions, rescind such declaration if the default is cured (Section 6.02 of the Indenture).

The Indenture provides that, with respect to each series, the Trustee shall, within 90 days after the occurrence of a Default known to it, give Holders of the Debt Securities notice of Default; however, the Trustee may withhold from Holders of the Debt Securities notice of any continuing Default (except a Default in the payment of principal, interest or premium, if any) if it determines that withholding notice is in their interest (Section 7.05 of the Indenture).

Holders of the Debt Securities of any series may not enforce the Indenture or the Debt Securities of such series except as provided in the Indenture. The Trustee may require indemnity satisfactory to it from the Holders requesting the Trustee to enforce the Indenture or Debt Securities before doing so (Section 6.06 of the Indenture). With respect to any series, Holders owning a majority in principal amount of the Debt Securities of that series then outstanding may waive existing past Events of Default with respect to such series except a default in the payment of principal, premium, if any, or interest on any of the Debt Securities of such series (Section 6.04 of the Indenture). Holders of a majority in principal amount of the Debt Securities of a series then outstanding shall have the right, subject to certain limitations, to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee or of exercising any trust or power conferred on the Trustee with respect to that series (Section 6.05 of the Indenture).

The Indenture provides that Cabot must file annually with the Trustee a statement regarding compliance with the terms of the Indenture with respect to each series outstanding and specifying any default of which the signers may have knowledge (Section 4.07 of the Indenture).

Modification of the Indenture

The Indenture provides that Cabot and the Trustee may amend or supplement the Indenture for various purposes not inconsistent with the terms of the Indenture, but none of such changes may adversely affect the rights of any Holder. The Indenture further provides that Cabot and the Trustee may, with the consent of Holders of at least 66 2/3% in principal amount of the Debt Securities of a series then outstanding, amend the Indenture with respect to that series, except that no amendment may, without the consent of each Holder affected, (i) reduce the aforesaid percentage below 66 2/3%, (ii) modify the terms of payment of principal of, premium, if any, or interest on any Debt Security or (iii) waive a default in the payment of the principal of, premium, if any, or interest on any Debt Security (Article 9 of the Indenture).

Defeasance

The Indenture provides that Cabot, at its option, may terminate all of its obligations under the Debt Securities of any or all series and under the Indenture with respect to such series (except for certain obligations regarding the transfer and exchange of such Debt Securities, the obligation to pay amounts due under such Debt Securities and certain obligations relating to the Trustee) if Cabot (i) irrevocably deposits in trust with the Trustee money or direct obligations of the United States of America sufficient to pay all principal of (including any mandatory sinking funds payments) and interest and premium, if any, on such Debt Securities to maturity or redemption.

Trustee

The Trustee may resign or be removed with respect to one or more series of Debt Securities and a successor Trustee may be appointed to act with respect to such one or more series (Section 7.08 of the Indenture).

Concerning the Trustee

U.S. Bank National Association is the trustee under the Indenture. We may, from time to time, borrow from or maintain deposit accounts and conduct other banking transactions with U.S. Bank National Association or its affiliates in the ordinary course of business.

Governing law

The Indenture and the Debt Securities will be governed by and construed in accordance with the laws of the State of New York.

PLAN OF DISTRIBUTION

The Company may sell Debt Securities to or through one or more underwriters or dealers for public offering and sale by or through them, directly to one or more individual, institutional or other purchasers, through agents or through any combination of these methods of sale. The distribution of the Debt Securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, at market prices prevailing at the time of sale or at prices related to such prevailing market prices, or at negotiated prices (any of which may represent a discount from the prevailing market prices).

In connection with the sale of Debt Securities, underwriters or agents may receive compensation from the Company or from purchasers of Debt Securities, for whom they may act as agents, in the form of discounts, concessions, or commissions. Underwriters may sell Debt Securities to or through dealers, and such dealers may receive compensation in the form of discounts, concessions, or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agents. Underwriters, dealers, and agents that participate in the distribution of Debt Securities may be deemed to be underwriters, and any discounts or

commissions they receive from the Company, and any profit on the resale of Debt Securities they realize may be deemed to be underwriting discounts and commissions, under the Securities Act. Any such underwriter or agent will be identified, and any such compensation received from the Company will be described, in the applicable Prospectus Supplement.

Unless otherwise specified in the related Prospectus Supplement, each series of Debt Securities will be a new issue with no established trading market. The Company may elect to list any series of Debt Securities on an exchange, but is not obligated to do so. It is possible that one or more underwriters may make a market in a series of Debt Securities, but will not be obligated to do so and may discontinue any market making at any time without notice. Therefore, no assurance can be given as to the liquidity of, or the trading market for, the Debt Securities.

Under agreements into which the Company may enter, underwriters will be, and dealers and agents who participate in the distribution of Debt Securities may be, entitled to indemnification by the Company against certain liabilities, including liabilities under the Securities Act.

Underwriters, dealers and agents may engage in transactions with, or perform services for, the Company in the ordinary course of business.

If so indicated in the applicable Prospectus Supplement, the Company will authorize dealers or other persons acting as the Company's agents to solicit offers by certain institutions to purchase Debt Securities from the Company at the public offering price set forth in such Prospectus Supplement pursuant to delayed delivery contracts (Contracts) providing for payment and delivery on the date or dates stated in such Prospectus Supplement. Each Contract will be for an amount no less than, and the aggregate principal amounts of Debt Securities sold pursuant to Contracts shall be not less nor more than, the respective amounts stated in the applicable Prospectus Supplement. Institutions with whom Contracts, when authorized, may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and other institutions, but will in all cases be subject to the approval of the Company. Contracts will not be subject to any conditions except (i) the purchase by an institution of the Debt Securities covered by its Contracts shall not at the time of delivery be prohibited under the laws of any jurisdiction in the United States to which such institution is subject, and (ii) if Debt Securities are being sold to underwriters, the Company shall have sold to such underwriters the total principal amount of the Debt Securities less the principal amount thereof covered by the Contracts. If in conjunction with the sale of Debt Securities to institutions under Contracts, Debt Securities are also being sold to the public, the consummation of the sale under the Contracts shall occur simultaneously with the consummation of the sale to the public. The underwriters and such other agents will not have any responsibility in respect of the validity or performance of such Contracts.

In order to comply with the securities laws of certain states, if applicable, the Debt Securities offered hereby will be sold in such jurisdictions only through registered or licensed brokers or dealers. In addition, in certain states Debt Securities may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

Under applicable rules and regulations under the Exchange Act, any person engaged in the distribution of the Debt Securities offered hereby may not simultaneously engage in market making activities with respect to the Debt Securities for a period of two business days prior to the commencement of such distribution.

VALIDITY OF DEBT SECURITIES

The validity of the Debt Securities will be passed upon for the Company by Ropes & Gray LLP.

EXPERTS

The consolidated balance sheets as of September 30, 2008 and 2007, and the consolidated statements of operation, changes in stockholders equity and cash flows for the two years in the period ended September 30, 2008, of Cabot Corporation, as well as the retrospective adjustments to the 2006 financial statement segment disclosures and management's report on the effectiveness of internal control over financial reporting as of September 30, 2008, included in the Annual Report on Form 10-K filed on December 1, 2008, and incorporated by reference in this prospectus, have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, incorporated by reference herein and elsewhere in the Registration Statement (which reports (1) express an unqualified opinion on the financial statements and includes an explanatory paragraph relating to the Company's adoption of (i) as of September 30, 2007, the funded status and the disclosure requirements of Statement of Financial Accounting Standard No. 158, Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans, an amendment of FASB Statement No. 87, 88, 106 and 132(R) (FAS 158); (ii) as of September 30, 2008, the measurement requirements of FAS 158, and (iii) as of October 1, 2007 the adoption of Financial Accounting Standards Board (FASB) Interpretation No. 48, Accounting for Uncertainty in Income Taxes an Interpretation of FASB Statement 109) and expresses an unqualified opinion on the effectiveness of internal control over financial reporting. Such financial statements have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

The financial statements for the year ended September 30, 2006 before the effects of the adjustments to retrospectively apply the change in accounting described in Note T (not separately included or incorporated by reference in the Prospectus) have been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm. The adjustments to those financial statements to retrospectively apply the change in accounting principle described in Note T have been audited by other auditors as described above. The consolidated financial statements for the year ended September 30, 2006 incorporated in this prospectus by reference to the Annual Report on Form 10-K for the year ended September 30, 2008, have been so incorporated in reliance on the reports of (i) PricewaterhouseCoopers LLP solely with respect to those financial statements before the effects of the adjustments to retrospectively apply the change in accounting described in Note T, and (ii) other auditors as described above solely with respect to the adjustments to those financial statements to retrospectively apply the change in accounting described in Note T, given on the authority of such firms as experts in auditing and accounting.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution*

The following table sets forth all fees and expenses payable by the registrant in connection with the issuance and distribution of the debt securities being registered hereby (other than underwriting discounts and commissions).

	Estimated Amounts
Securities and Exchange Commission registration fee under the Securities Act	\$ (1)
Legal fees and expenses	\$ 200,000
Rating agency fees	\$ 350,000
Accounting fees and expenses	\$ 80,000
Trustee fees and expenses	\$ 16,000
Printing and engraving expenses	\$ 20,000
Miscellaneous	\$ 10,000
 Total	 \$ 676,000

* All fees and expenses are estimated. All of the above fees and expenses will be borne by the Company.

(1) In accordance with Rules 456(b) and 457(r) under the Securities Act, Cabot is deferring payment of all of the registration fee.

Item 15. Indemnification of Directors and Officers

Paragraph (i) of Article EIGHTH of the Restated Certificate of Incorporation of the Company provides that:

(1) No director of this corporation shall be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to this corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law, as the same exists or hereafter may be amended, or (iv) for any transaction from which the director derived an improper personal benefit. If the Delaware General Corporation Law is hereafter amended to authorize the further elimination or limitation of this liability of directors, then the liability of a director of the corporation, in addition to the limitation on personal liability provided herein, shall be limited to the fullest extent permitted by the amended Delaware General Corporation Law. Any repeal or modification of this Article by the stockholders of this corporation shall be prospective only, and shall not adversely affect any limitation on the personal liability of a director of this corporation for acts or omissions prior to such repeal or modification.

(2) No officer or employee of this corporation shall be liable to this corporation for any loss or damage suffered by it on account of any action taken or omitted to be taken by him in good faith as an officer or employee of this corporation, if such person exercised or used the same degree of care and skill as a prudent man would have exercised or used under the circumstances in the conduct of his own affairs.

(3) For purposes of determining compliance with this paragraph (i), any director, officer or employee of this corporation shall be deemed to have taken actions or omitted to take actions in good faith if the action taken or omitted to be taken by him or her was taken or omitted in reliance in good faith upon the advice of counsel for this corporation, or the books of account or other records of this corporation, or reports or information made or furnished to this corporation by any official, accountant, engineer, agent, or employee of this corporation, or by any independent public accountant or auditor, counsel, engineer, appraiser, investment banker or other expert retained or employed by this corporation, by the directors, by any committee of the board of directors of this corporation or by any authorized officer of this corporation.

Paragraph (j) of Article EIGHTH of the Restated Certificate of Incorporation of the Company provides that:

The corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (and whether or not by or in the right of the corporation) by reason of the fact that he is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another company, partnership, joint venture, trust or other enterprise, or is or was serving as a fiduciary of any employee benefit plan, fund or program sponsored by the corporation or such other company, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding, to the extent and under the circumstances permitted by the General Corporation Law of the State of Delaware as amended from time to time. Such indemnification (unless ordered by a court) shall be made as authorized in a specific case upon a determination that indemnification of the director, officer, employee or agent is proper in the circumstances because he has met the applicable standards of conduct set forth in the General Corporation Law of the State of Delaware. Such determination shall be made (1) by the board of directors by a majority vote of a quorum consisting of directors who were not parties to such action, suit or proceeding, or (2) if such quorum is not obtainable, or even if obtainable a quorum of disinterested directors so directs, by independent legal counsel in a written opinion, or (3) by the stockholders. The foregoing right of indemnification shall not be deemed exclusive of any other rights to which those seeking indemnification may be entitled under any by-law, agreement, vote of stockholders or disinterested directors or otherwise, and shall continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

Additionally, Section 14.1 of the Company's Bylaws, as amended, provides that:

The corporation shall, to the maximum extent permitted from time to time under the law of the State of Delaware, indemnify and upon request shall advance expenses to any person who is or was a party or is threatened to be made a party to any threatened, pending or completed action, suit, proceeding, claim or counterclaim, whether civil, criminal, administrative or investigative, by reason of the fact that such person is or was or has agreed to be a director, officer, employee or agent of this corporation or while a director, officer, employee or agent is or was serving at the request of this corporation as a director, officer, partner, trustee, fiduciary, employee or agent of any corporation, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against expenses (including attorney's fees and expenses), judgments, fines, penalties and amounts paid in settlement or incurred in connection with the investigation, preparation to defend or defense of such action, suit, proceeding, claim or counterclaim; *provided, however*, that the foregoing shall not require this corporation to indemnify or advance expenses to any person in connection with any action, suit, proceeding, claim or counterclaim initiated by or on behalf of such person, other than an action to enforce indemnification rights. Such indemnification shall not be exclusive of other indemnification rights arising under any agreement, vote of directors or stockholders or otherwise and shall inure to the benefit of the heirs and legal representatives of such person. Any such person seeking indemnification under this Section 14.1 shall be deemed to have met the standard of conduct required for such indemnification unless the contrary shall be established. The corporation shall have the power to provide indemnification and advance expenses to any other person, including stockholders purporting to act on behalf of the corporation, to the extent permitted by the law of the State of Delaware.

Pursuant to Section 145 of the General Corporation Law of the State of Delaware ("GCL"), the Company generally has the power to indemnify its present and future directors, officers, employees and agents against expenses and liabilities incurred by them in connection with any suit to which they are, or are threatened to be made, a party by reason of their serving in such positions so long as they acted in good faith and in a manner they reasonably believed to be in, or not opposed to, the best interests of the Company, and with respect to any criminal action, they had no reasonable cause to believe their conduct was unlawful. With respect to suits by or in the right of the Company, however, indemnification is generally limited to attorneys' fees and other expenses and is not available if such person is adjudged to be liable to the corporation unless the court determines that

indemnification is appropriate. The statute expressly provides that the power to indemnify authorized thereby is not exclusive of any rights granted under any bylaw, agreement, vote of stockholders or disinterested directors, or otherwise.

The Company maintains directors and officers liability insurance which provides for payment on behalf of a director or officer of certain defined losses arising from claims against such directors or officers by reason of certain defined wrongful acts, subject to certain exclusions.

Item 16. Exhibits

A list of exhibits filed herewith or incorporated by reference is contained in the Index to Exhibits beginning on page E-1, which is incorporated herein by reference.

Item 17. Undertakings

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by section 10(a)(3) of the Securities Act;

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the Calculation of Registration Fee table in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs (a)(1)(i), (a)(1)(ii), and (a)(1)(iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to section 13 or section 15(d) of the Exchange Act that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act, to any purchaser:

(i) each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the

Securities Act, shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at the date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act, to any purchaser in the initial distribution of the securities: The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The undersigned registrant hereby further undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of any employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act, and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act, and will be governed by the final adjudication of such issue.

(d) The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of section 310 of the Trust Indenture Act (Act) in accordance with the rules and regulations prescribed by the Securities and Exchange Commission under Section 305(b)(2) of the Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Boston, Massachusetts, on this 21st day of September, 2009.

CABOT CORPORATION

By: /s/ PATRICK M. PREVOST
 Name: Patrick M. Prevost
 Title: President and Chief Executive Officer

POWER OF ATTORNEY AND SIGNATURES

We, the undersigned officers and directors of Cabot Corporation hereby severally constitute and appoint Brian A. Berube and Jane A. Bell, and each of them singly, our true and lawful attorneys with full power to them, and each of them singly, to sign for us and in our names in the capacities indicated below, the registration statement on Form S-3 filed herewith and any and all subsequent amendments to said registration statement, and generally to do all such things in our names and on our behalf in our capacities as officers and directors to enable Cabot Corporation to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ PATRICK M. PREVOST Patrick M. Prevost	President, Chief Executive Officer and Director (Principal executive officer)	September 21, 2009
/s/ EDUARDO E. CORDEIRO Eduardo E. Cordeiro	Executive Vice President and Chief Financial Officer (Principal financial officer)	September 21, 2009
/s/ JAMES P. KELLY James P. Kelly	Vice President and Controller (Principal accounting officer)	September 21, 2009
/s/ JOHN F. O BRIEN John F. O Brien	Director, Non-Executive Chairman of the Board	September 21, 2009
/s/ JOHN S. CLARKESON John S. Clarkeson	Director	September 21, 2009
/s/ JUAN ENRIQUEZ-CABOT Juan Enriquez-Cabot	Director	September 21, 2009

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Signature	Title	Date
/s/ ARTHUR L. GOLDSTEIN Arthur L. Goldstein	Director	September 21, 2009
Gautam S. Kaji	Director	, 2009
/s/ RODERICK C.G. MACLEOD Roderick C.G. MacLeod	Director	September 21, 2009
/s/ HENRY F. McCANCE Henry F. McCance	Director	September 21, 2009
/s/ JOHN K. MCGILLICUDDY John K. McGillicuddy	Director	September 21, 2009
/s/ RONALDO H. SCHMITZ Ronaldo H. Schmitz	Director	September 21, 2009
/s/ LYDIA W. THOMAS Lydia W. Thomas	Director	September 21, 2009
/s/ MARK S. WRIGHTON Mark S. Wrighton	Director	September 21, 2009
/s/ SHENGMAN ZHANG Shengman Zhang	Director	September 21, 2009

INDEX TO EXHIBITS

Exhibit number	Description
1.1*	Underwriting Agreement
4.1	Form of Indenture between Cabot Corporation and U.S. Bank National Association, Trustee, filed herewith.
5.1	Opinion of Ropes & Gray LLP as to legality of the Debt Securities being registered, filed herewith.
12.1	Computation of Ratio of Earnings to Fixed Charges, filed herewith.
23.1	Consent of Deloitte & Touche LLP, filed herewith.
23.2	Consent of PricewaterhouseCoopers LLP, filed herewith.
23.3	Consent of Ropes & Gray LLP (included in Exhibit 5.1).
24.1	Power of Attorney of Cabot Corporation (included on signature pages to this Registration Statement).
25	Form T-1 Statement of Eligibility of Trustee under the Trust Indenture Act of 1939, as amended, of U.S. Bank National Association, as trustee, filed herewith.

* To be filed subsequently on Form 8-K or by post-effective amendment.