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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):

October 27, 2004

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

(I.R.S. Employer  
Identification No.)

Two Seaport Lane, Suite 1300, Boston, Massachusetts

(Address of principal executive offices)

02210-2019

(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 2.05. Costs Associated with Exit or Disposal Activities.**

On October 27, 2004, the Executive Committee of the Board of Directors of Cabot Corporation (the "Company") authorized the Company to implement a plan to shut down its Altona, Australia carbon black production plant, subject to any legally required consultation and notification processes. The decision to close the facility was driven by a number of factors including, in particular, the Company's raw materials supplier's indication that it would cease supply in September 2005, as well as the decline of the carbon black market in Australia. The closure is planned to occur in early October 2005. The Company is working to debottleneck certain of its Asia Pacific carbon black manufacturing plants in order to replace the 45,000 metric tons of production capacity in Altona.

The Company expects the closure plan will result in an estimated pre-tax charge to earnings of approximately \$18 million over the next two years. Estimates of the total cost the Company expects to incur for each major type of cost associated with the plan are: (i) severance and employee benefits of \$6 million, (ii) accelerated depreciation of facilities assets of \$5 million, (iii) asset retirement obligations (consisting mainly of demolition and site clearing costs) of \$5 million, and (iv) recognition of foreign currency translation adjustments of \$8 million, (v) offset by the potential gain on sale of assets of \$6 million. The total after-tax charge is estimated at \$12 million.

Net cash outlays related to the closure over the two years are expected to be approximately \$5 million, which includes the anticipated proceeds from the sale of certain assets.

On October 27, 2004, the Company issued a press release announcing its intention to close the Altona plant, a copy of which is attached hereto as Exhibit 99.1.

**Item 9.01. Financial Statements and Exhibits.**

(c) Exhibits.

99.1 Press release issued by Cabot Corporation on October 27, 2004 announcing the Company's intention to close its Altona, Australia carbon black manufacturing facility.

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**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

October 28, 2004

By: */s/ John A. Shaw*

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*Name: John A. Shaw*

*Title: Executive Vice President and Chief Financial Officer*

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Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release issued by Cabot Corporation on October 27, 2004 announcing the Company's intention to close its Altona, Australia carbon black manufacturing facility

**FOR IMMEDIATE RELEASE** Contact: Investor Relations

(617) 342-6244

Ethel Shepard

Corporate Affairs  
617-342-6254

### **Cabot To Close Australian Carbon Black Plant**

BOSTON, MA (October 27, 2004) –Cabot Corporation (CBT/NYSE) announced today that it intends to close its carbon black manufacturing facility in Altona, Australia. This closure, which is subject to certain consultation processes, is planned to occur in early October 2005.

The decision to close the facility was driven by a number of factors including, in particular, Cabot's raw materials supplier's indication that they would cease supply in September 2005. In addition, the domestic carbon black market in Australia is in decline. The Company is in the process of debottlenecking certain of its Asia Pacific carbon black manufacturing plants in order to replace the 45,000 metric tons of production capacity in Altona.

Kennett Burnes, Cabot's Chairman and CEO stated, "This is a difficult decision and one that saddens us greatly. The Altona employees have worked very hard over the years and have operated the plant very effectively in order to support Cabot's growth in the Asia Pacific region. Unfortunately, this step is necessary as we have no viable, cost-competitive alternative for our raw material supply in Australia."

The Company expects that this closure plan will result in an estimated after-tax charge to earnings of approximately \$12 million over the next two years. Net cash outlays related to the closure over this period are expected to be approximately \$5 million, which include the anticipated proceeds from the sale of certain assets. The Company anticipates that because of the consolidation of production in fewer plants, the reduced operating costs will generate a payback on the Altona closure costs in less than two years.

Cabot Corporation is a global specialty chemicals and materials company and is headquartered in Boston, MA. Cabot's major products are carbon black, fumed silica, inkjet colorants, and capacitor materials.