### 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): May 6, 2010

#### CELANESE CORPORATION

(Exact name of registrant as specified in its charter)

DELAWARE 001-32410 98-0420726
(State or other jurisdiction of (Commission File Number) (IRS Employer Identification incorporation)

1601 West LBJ Freeway, Dallas, Texas 75234-6034
(Address of principal executive Offices) (Zip Code)

Registrant's telephone number, including area code: (972) 443-4000

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 (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))

#### ITEM 8.01 OTHER EVENTS

On May 6, 2010, Celanese Corporation (the "Company") issued a press release announcing that its Advanced Engineered Materials business has completed a transaction with The DuPont Company to acquire the DuPont<sup>TM</sup> Zenite® liquid crystal polymer (LCP) and Thermx® polycyclohexylene-dimethylene terephthalate (PCT) product lines. A copy of the press release is attached to this Current Report as Exhibit 99.1 and is incorporated herein solely for purposes of this Item 8.01.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS

(d) Exhibits

Exhibit Description

Number

99.1 Press Release dated May 6, 2010

#### **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.

## Celanese Corporation

Date: May 6, 2010 By: /s/ James R. Peacock III

Name: James R. Peacock III

Title: Vice President, Deputy General

Counsel

and Assistant Corporate

Secretary

## Exhibit Index

Exhibit Number Description

99.1 Press Release dated May 6, 2010