

CELANESE CORP

Filed by
FMR LLC

FORM SC 13G/A (Amended Statement of Ownership)

Filed 02/14/07

Address	222 W. LAS COLINAS BLVD., SUITE 900N IRVING, TX, 75039-5421
Telephone	972-443-4000
CIK	0001306830
Symbol	CE
SIC Code	0000 - Unknown
Industry	Investment Management & Fund Operators
Sector	Financials
Fiscal Year	12/31

CELANESE CORP

FORM SC 13G/A (Amended Statement of Ownership)

Filed 2/14/2007

Address	1601 W. LBJ FREEWAY DALLAS, Texas 75234
Telephone	972-443-4000
CIK	0001306830
Industry	Chemical Manufacturing
Sector	Basic Materials
Fiscal Year	12/31

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SCHEDULE 13G

Amendment No. 4
Celanese Corporation
Common Stock
Cusip #150870103

Cusip #150870103

Item 1: Reporting Person - FMR Corp.

Item 4: Delaware

Item 5: 875,237

Item 6: 0

Item 7: 24,419,113

Item 8: 0

Item 9: 24,419,113

Item 11: 15.390%

Item 12: HC

Cusip #150870103

Item 1: Reporting Person - Edward C. Johnson 3d

Item 4: United States of America

Item 5: 0

Item 6: 0

Item 7: 24,419,113

Item 8: 0

Item 9: 24,419,113

Item 11: 15.390%

Item 12: IN

SCHEDULE 13G - TO BE INCLUDED IN

STATEMENTS

FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

Item 1(a). Name of Issuer:

Celanese Corporation

Item 1(b). Name of Issuer's Principal Executive Offices:

1601 W. LBJ Freeway
Dallas, TX 75234

Item 2(a). Name of Person Filing:

FMR Corp.

**Item 2(b). Address or Principal Business Office or, if None,
Residence:**

82 Devonshire Street, Boston,

Massachusetts 02109

Item 2(c). Citizenship:

Not applicable

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

150870103

Item 3. This statement is filed pursuant to Rule 13d-1(b) or 13d-2(b)

and the person filing, FMR Corp., is a parent holding company in accordance with Section 240.13d-1(b)(ii)(G). (Note: See Item 7).

Item 4. Ownership

(a)	Amount Beneficially Owned:	24,419,113
(b)	Percent of Class:	15.390%
(c)	Number of shares as to which such person has:	
(i)	sole power to vote or to direct the vote:	875,237
(ii)	shared power to vote or to direct the vote:	0
(iii)	sole power to dispose or to	

direct the disposition of: 24,419,113

(iv) shared power to dispose or to direct the disposition of: 0

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Various persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Common Stock of Celanese Corporation. No one person's interest in the Common Stock of Celanese Corporation is more than five percent of the total outstanding Common Stock.

Item 7. Identification and Classification of the Subsidiary Which

Acquired the Security Being Reported on By the Parent Holding Company.

See attached Exhibit A.

Item 8. Identification and Classification of Members of the Group.

Not applicable. See attached Exhibit A.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 14, 2007

Date

*/s/Eric D. Roiter
Signature*

*Eric D. Roiter
Duly authorized under Power of Attorney
dated December 30, 1997 by and on behalf of FMR Corp. and
its direct and indirect subsidiaries*

**SCHEDULE 13G - TO BE INCLUDED IN
STATEMENTS
FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)**

Pursuant to the instructions in Item 7 of Schedule 13G,
Fidelity Management & Research Company ("Fidelity"), 82

Devonshire Street, Boston, Massachusetts 02109, a wholly-owned subsidiary of FMR Corp. and an investment adviser registered under Section 203 of the Investment Advisers Act of 1940, is the beneficial owner of 23,645,876 shares or 14.903% of the Common Stock outstanding of Celanese Corporation ("the Company") as a result of acting as investment adviser to various investment companies registered under Section 8 of the Investment Company Act of 1940. The number of shares of Common Stock of Celanese Corporation owned by the investment companies at December 31, 2006 included 4,124,750 shares of Common Stock resulting from the assumed conversion of 3,299,800 shares of CELANESE CORP 4.25% CV PFD (1.25 shares of Common Stock for each share of Convertible Preferred Stock).

Edward C. Johnson 3d and FMR Corp., through its control of Fidelity, and the funds each has sole power to dispose of the 23,645,876 shares owned by the Funds.

Members of the family of Edward C. Johnson 3d, Chairman of FMR Corp., are the predominant owners, directly or through trusts, of Series B shares of common stock of FMR Corp., representing 49% of the voting power of FMR Corp. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B shares will be voted in accordance with the majority vote of Series B shares. Accordingly, through their ownership of voting common stock and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR Corp.

Neither FMR Corp. nor Edward C. Johnson 3d, Chairman of FMR Corp., has the sole power to vote or direct the voting of the shares owned directly by the Fidelity Funds, which power resides with the Funds' Boards of Trustees. Fidelity carries out the voting of the shares under written guidelines established by the Funds' Boards of Trustees.

Fidelity Management Trust Company, 82 Devonshire Street, Boston, Massachusetts 02109, a wholly-owned subsidiary of FMR Corp. and a bank as defined in Section 3(a)(6) of the Securities Exchange Act of 1934, is the beneficial owner of 35,500 shares or 0.022% of the Common Stock outstanding of the Company as a result of its serving as investment manager of the institutional account(s).

Edward C. Johnson 3d and FMR Corp., through its control of Fidelity Management Trust Company, each has sole dispositive power over 35,500 shares and sole power to vote or to direct the voting of 35,500 shares of Common Stock owned by the institutional account(s) as reported above.

Strategic Advisers, Inc., 82 Devonshire Street, Boston, MA 02109, a wholly-owned subsidiary of FMR Corp. and an investment adviser registered under Section 203 of the Investment Advisers Act of 1940, provides investment advisory services to individuals. As such, FMR Corp.'s beneficial ownership includes 400 shares, or 0.000%, of the Common Stock stock outstanding of Celanese Corporation, beneficially owned through Strategic Advisers, Inc.

Pyramis Global Advisors Trust Company ("PGATC"), 53 State Street, Boston, Massachusetts, 02109, an indirect wholly-owned subsidiary of FMR Corp. and a bank as defined in Section 3(a)(6) of the Securities Exchange Act of 1934, is the beneficial owner of 737,337 shares or 0.465% of the outstanding Common Stock of the Celanese Corporation as a result of its serving as investment manager of institutional accounts owning such shares. The number of shares of Common Stock of Celanese Corporation owned by the institutional account(s) at December 31, 2006 included 3,375 shares of Common Stock resulting from the assumed conversion of 2,700 shares of CELANESE CORP 4.25% CV PFD (1.25 shares of Common Stock for each share of Convertible Preferred Stock).

Edward C. Johnson 3d and FMR Corp., through its control of Pyramis Global Advisors Trust Company, each has sole dispositive power over 737,337 shares and sole power to vote or to direct the voting of 650,037 shares of Common Stock owned by the institutional accounts managed by PGATC as reported above.

SCHEDULE 13G - TO BE INCLUDED IN

STATEMENTS

**FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)
RULE 13d-1(f)(1) AGREEMENT**

The undersigned persons, on February 14, 2007, agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of the Common Stock of Celanese Corporation at December 31, 2006.

FMR Corp.

*By /s/ Eric D. Roiter
Eric D. Roiter
Duly authorized under Power of Attorney dated
December 30, 1997, by and on behalf of FMR Corp. and its
direct and indirect subsidiaries*

Edward C. Johnson 3d

*By /s/ Eric D. Roiter
Eric D. Roiter
Duly authorized under Power of Attorney dated
December 30, 1997, by and on behalf of Edward C. Johnson
3d*

Fidelity Management & Research Company

*By /s/ Eric D. Roiter
Eric D. Roiter
Senior V.P. and General Counsel*