

CELANESE CORP

Reported by
DESDIN MIGUEL A.

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/07/08 for the Period Ending 02/05/08

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|-------------|--|
| Address | 222 W. LAS COLINAS BLVD., SUITE 900N IRVING, TX, 75039-5421 |
| Telephone | 972-443-4000 |
| CIK | 0001306830 |
| Symbol | CE |
| SIC Code | 2820 - Plastic Material, Synthetic Resin/Rubber, Cellulos (No Glass) |
| Industry | Commodity Chemicals |
| Sector | Basic Materials |
| Fiscal Year | 12/31 |

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL
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STATEMENT OF CHANGES IN 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

| | | |
|---|---|---|
| 1. Name and Address of Reporting Person * Desdin Miguel A. (Last) (First) (Middle) C/O CELANESE CORPORATION, 1601 W. LBJ FREEWAY (Street) DALLAS, X1 75234 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol Celanese CORP [CE] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director _____ 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) _____ Other (specify below) VP and Controller |
| 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">2/5/2008</p> | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | |

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|----------------|-----------------------------------|---------------------------|---|---|------------|---------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Series A Common Stock | 2/5/2008 | | M | | 5000 | A | \$21.02 | 5000 | D | |
| Series A Common Stock | 2/5/2008 | | S | | 5000 | D | \$41.00 | 0 | D | |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|--|----------------|-----------------------------------|---------------------------|---|--|-----|---|-----------------|---|----------------------------|--|--|--|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Non-qualified Stock Option (right to buy) | \$21.02 | 2/5/2008 | | M | | 5000 | | (1) | 5/16/2016 | Series A Common Stock | 5000 | \$0 | 35000 | D | |

Explanation of Responses:

(1) Granted pursuant to the Company's 2004 Stock Incentive Plan. The option shares vested with respect to 25% of the option shares on January 1, 2008 and will continue to vest, subject to continued employment, with respect to 25% of the option shares on each January 1st of 2009, 2010, and 2011.

Remarks:

The sale transactions reported on this Form 4 were effected pursuant to a Rule 10b 5-1 trading plan adopted by the Reporting Person.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|--------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Desdin Miguel A. C/O CELANESE CORPORATION 1601 W. LBJ FREEWAY DALLAS, X1 75234 | | | VP and Controller | |

Signatures

/s/Robert L. Villasenor, Attorney-in-Fact for Miguel A. Desdin

2/7/2008

**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 4(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.

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