FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| OMB APPROVAL             |           |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*     Gangestad Nicholas C |  |                    |   |     | 2. Issuer Name <b>and</b> Ticker or Trading Symbol 3M CO [ MMM ]    |   |  |                     |  |   |   |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)  Director 10% Owner |   |                               |   |  |  |
|--|--|--------------------|---|-----|---|---|--|---------------------|--|---|---|--|--|---|-------------------------------|---|--|--|
| (Last) 3M CENTER   | (First)  | (M                 | I   |     |   | 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2011 |  |                     |  |   |   |  | Officer (g   |   |                               |   | ·  |  |
| (Street) ST. PAUL  | MN   | 55                 | 5144-1000   |     | 4. If Amendment, Date of Original Filed (Month/Day/Year) 04/05/2011 |   |  |                     |  |   | 6. Indiv  | dividual or Joint/Group Filing (Check Applicable Line)  Form filed by One Reporting Person  Form filed by More than One Reporting Person |  |   |                               |   |  |  |
| (City)   | (State)  | (Z                 | ip)   |     |   |   |  |                     |  |   |   |  |  |   |                               |   |  |  |
|  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |                    |   |     |   |   |  |                     |  |   |   |  |  |   |                               |   |  |  |
| Di   |  |                    | 2. Transaction<br>Date<br>(Month/Day/Year)                  |     | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)         |   | Transaction Dispose Code (Instr.   |                     |  | rities Acquired (A) or<br>ed Of (D) (Instr. 3, 4 and 5) |   | 5. Amount<br>Securities<br>Beneficially<br>Following   | y Owned<br>Reported  | Form:   | Direct (D)<br>irect (I)<br>4) | 7. Nature of Indirect Beneficial Ownership                        |  |  |
|  |  |                    |   |     |   |   | Code V   | Amou                | ınt (A) or (D)   |   | Price   | Transaction (Instr. 3 and  |  |   |                               | (Instr. 4)  |  |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                    |   |     |   |   |  |                     |  |   |   |  |  |   |                               |   |  |  |
| 1. Title of<br>Derivative<br>Security (Instr.<br>3)            | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | e (Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Cod | Transaction Code (Instr.  |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5) |                     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |   | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr<br>3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported | ly                            | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |  |                    |   | Cod | e V   | (A)   | (D)  | Date<br>Exercisable | Expiration Date  | n<br>Title  | •   | Amount<br>or<br>Number<br>of Shares  |  | Transaction(<br>(Instr. 4)  | JII(8)                        |   |  |  |
| Restricted Stock<br>Units                                      | (1)  | 04/01/2011         |   | A   |   | 607   |  | (2)                 | (2)  |   | Common<br>Stock   | 607  | \$ <del>0</del>  | 607   |                               | D   |  |  |

## **Explanation of Responses:**

- 1. Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- 2. The restricted stock units will vest on 2/9/2012.

/s/ George Ann Biros, attorney-in-04/05/2011 fact for Nicholas Gangestad

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.