

Shin Hak Cheol
 Form 4
 July 29, 2010

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Shin Hak Cheol

(Last) (First) (Middle)
 3M CENTER
 (Street)

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 3M CO [MMM]

3. Date of Earliest Transaction (Month/Day/Year)
 07/27/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)

EXEC VP INDUSTRIAL

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 ___ 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	07/27/2010		M		6,144 A \$ 61.85	20,041	D
Common Stock	07/27/2010		F		4,377 D \$ 86.8	15,664	D
Common Stock	07/27/2010		F		651 D \$ 86.8	15,013	D
Common Stock	07/27/2010		M		14,096 A \$ 58.625	29,109	D
Common Stock	07/27/2010		F		9,520 D \$ 86.8	19,589	D

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Common Stock 07/27/2010 F 1,496 D \$ 86.8 18,093 D

Common Stock 1,255 ⁽¹⁾ I By 401k/paesop Trust

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

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)	7. Title and Underlying Security (Instr. 3 and 4)
				Code V (A) (D)		Date Exercisable Expiration Date	Title
Non-qualified Stock Option (Right to Buy)	\$ 61.85	07/27/2010		M	6,144	05/14/2004 05/12/2013	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 58.625	07/27/2010		M	14,096	05/08/2002 05/08/2011	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 86.8	07/27/2010		A	11,016	01/27/2011 05/06/2011	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 86.8	07/27/2010		A	5,028	01/27/2011 05/13/2013	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Shin Hak Cheol 3M CENTER ST. PAUL, MN 55144-1000	EXEC VP INDUSTRIAL

Signatures

George Ann Biros, attorney-in-fact for Hak
Cheol Shin

07/29/2010

__Signature of Reporting Person

Date

Explanation of Responses:

- * 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).

(1) Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

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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