

INITIAL STATEMENT OF 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 * <u>Shin Hak Cheol</u> (Last) (First) (Middle) <u>3M CENTER</u> (Street) <u>ST. PAUL MN 55144-1000</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/01/2005</u>	3. Issuer Name and Ticker or Trading Symbol <u>3M CO [MMM]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) _____ <u>EXEC VP INDUSTRIAL</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 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 Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	6,673	D	
Common Stock	660	I	by 401k/PAESOP Trust

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Incentive Stock Option (right to buy)	05/14/1997	05/14/2006	Common Stock	914	31.5175	D	
Incentive Stock Option (right to buy)	05/09/2001	05/09/2010	Common Stock	2,306	43.35	D	
Incentive Stock Option (right to buy)	05/13/1998	05/13/2007	Common Stock	1,760	45.85	D	
Incentive Stock Option (right to buy)	05/12/1999	05/12/2008	Common Stock	1,760	46.675	D	
Incentive Stock Option (right to buy)	05/11/2000	05/11/2009	Common Stock	1,760	47.5	D	
Incentive Stock Option (right to buy)	05/08/2002	05/08/2011	Common Stock	1,704	58.625	D	
Non-Qualified Stock Option (right to buy)	05/09/2001	05/09/2010	Common Stock	8,254	43.35	D	
Non-Qualified Stock Option (right to buy)	05/08/2002	05/08/2011	Common Stock	14,096	58.625	D	
Non-Qualified Stock Option (right to buy)	05/14/2004	05/12/2013	Common Stock	17,380	61.85	D	
Non-Qualified Stock Option (right to buy)	05/15/2003	05/14/2012	Common Stock	15,800	64.5	D	
Non-Qualified Stock Option (right to buy)	05/12/2005	05/09/2014	Common Stock	24,353	84.4	D	

Explanation of Responses:

By: George Ann Biros For:
HakCheol Shin

06/01/2005

** 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 5 (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.