POLYONE CORP Form 4 March 05, 2007

FORM 4

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

OMB

3235-0287 Number: January 31, Expires:

OMB APPROVAL

2005 Estimated average

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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, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Stock

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person ** ROSENAU ROBERT M			2. Issuer Name and Ticker or Trading Symbol POLYONE CORP [POL]					g	5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					(Check all applicable)					
POLYONE WALKER I	(Month/Day/Year) 03/02/2007						Director 10% Owner String Officer (give title Other (specify below) Sr VP & GM - Vinyl Compounds						
	4. If Ame	4. If Amendment, Date Original						6. Individual or Joint/Group Filing(Check					
AVON LAI	Filed(Month/Day/Year)						Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owne									ly Owned				
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	action Date 2A. Deemed Day/Year) Execution Date, i any (Month/Day/Yea			3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price				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)		
Common Stock	03/02/2007			I		16,833	A	\$ 6.55	24,975	I	Savings Plan Trust		
Common									25,070	D			

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Date		Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Other Director 10% Owner Officer

ROSENAU ROBERT M POLYONE CENTER 33587 WALKER ROAD **AVON LAKE, OH 44012**

Sr VP & GM - Vinyl Compounds

Signatures

By: Wendy C. Shiba Power of Attorney For: Robert M. Rosenau

03/05/2007

**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).
- The information in this report is based on a PolyOne Retirement Savings Plan statement as of March 2, 2007. PolyOne common shares are held in a unitized fund that consists of stock and cash. The number of shares and the amount of cash may fluctuate daily depending on plan level activity in the fund. The amount of securities beneficially owned following the transfer of shares into the PolyOne stock fund reflects a decrease of 720 shares since the last report filed by the reporting person.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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