FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549	OMB APPROVAL		
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	OMB Number:	3235-0	

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

	OMB APPROVAL								
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Name and Address of Reporting Person* WILSON W DAVID					2. Issuer Name and Ticker or Trading Symbol POLYONE CORP [POL]								5. Relationship of Reporting Person(s) to Issu (Check all applicable) Director 10% Ow						
(Last) (First) (Middle) POLYONE CENTER				3. Date of Earliest Transaction (Month/Day/Year) 03/08/2007									Officer below)	(give title	sident	Other (s below)			
33587 WALKER ROAD						4. If Amondment, Date of Original Filed (Month/Dev/Month)								6 Individual or Joint/Group Filing (Check Applicable					
(Street) AVON LAKE OH 44012				4. II Amendment, Date of Original Filed (Month/Day/Year)							Line) Form fi Form fi	Form filed by One Reporting Person Form filed by More than One Reporting						
(5	state) (Zip)																	
	Tab	le I - Non	-Deriv	ative	Sec	urities	Acc	quired,	Dis	oosed of	f, or Ben	eficially	/ Owned						
Date				Execution Date, if any			Transaction Disposed Of (D) (Instr. 3, 4 Code (Instr. 5)				Securities Beneficia Owned Fo	s Form Illy (D) o ollowing (I) (In		Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership				
								Code	v	Amount	(A) or (D)	Price	Transacti	Transaction(s)			(Instr. 4)		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
or Exercis Price of		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)			of Securities Underlying		8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficial Owned Following Reported	Owner Form: Direct or Indi (I) (Insi	Ownership	Beneficial Ownership ect (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisa			Title	Amount or Number of Shares							
\$6.585	03/08/2007			A		88,200		(1)		03/07/2014	Common Stock	88,200	\$0	88,20	0	D			
	(FE CENTE LKER ROOK) (SE CURITY (Institute of Exercise Price of Derivative Security)	(First) (E CENTER LKER ROAD KE OH (State) (Tab curity (Instr. 3) 2. Conversion or Exercise Price of Derivative Security Security (Month/Day/Year)	(First) (Middle) E CENTER LKER ROAD KE OH 44012 (State) (Zip) Table I - Non curity (Instr. 3) Table II - I (Conversion Or Exercise Price of Derivative Security) A3. Transaction Date (Month/Day/Year) (Month/Day) (Month/Day)	(First) (Middle) E CENTER LKER ROAD KE OH 44012 (State) (Zip) Table I - Non-Derivative (Light) Table II - Derivativative Security Security Table II - Derivativative Security Security Table II - Derivativativativativativativativativativat	(First) (Middle) (First) (Middle) E CENTER LKER ROAD Table I - Non-Derivative (e.g., puts, or security) Table II - Derivative (e.g., puts, fany (Month/Day/Year) 2. Table II - Derivative (e.g., puts, fany (Month/Day/Year) 2. 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(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Bene (Month/Day/Year) (Month/Day/Year) Table II - Derivative Securities Acquired, Disposed of (D) (Instriance of Code (Instr. S)) Table II - Derivative Securities Acquired, Disposed of (D) (Instriance of Code (Instr. S)) Table II - Derivative Securities Acquired, Disposed of (D) (Instriance of Code (Instr. S)) Table II - Derivative Securities Acquired, Disposed of (D) (Instriance of Code (Instr. S)) Table II - Derivative Securities Acquired, Disposed of, or Bene (e.g., puts, calls, warrants, options, convertible security (Month/Day/Year) Conversion of Exercise Price of Derivative Securities Acquired (Month/Day/Year) Conversion (Month/Day/Year) Table II - Derivative Securities Acquired (Month/Day/Year) Code V Amount (A) or (D) or Securities Acquired (Month/Day/Year) Code (Instr. S) Code V (A) (D) Date Exercisable Expiration Date (Instr. S) Code V (A) (D) Date Exercisable Expiration Date (Instr. S) Code V (A) (D) Date Exercisable Expiration Date (Instr. S) Code V (A) (D) Date Exercisable Expiration Date (Instr. S) Code V (A) (D) Date Exercisable Expiration Date (Instr. S) Code V (A) (D) Date Exercisable Expiration Date (Instr. S)	POLYONE CORP [POL] (First) (Middle) CECENTER LKER ROAD A. 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1. SARs are exercisable upon vesting. Vesting occurs when the market price of the PolyOne common stock reaches pre-determined levels for three consecutive days as follows: 1/3 vests at a market price of \$7.24 per share; an additional 1/3 vests at a market price of \$7.90 per share; and the remaining 1/3 vests at a market price of \$8.56 per share; provided, however, that no vesting will occur sooner than one year from the grant date of March 8, 2007.

> By: Wendy C. Shiba Power of Attorney For: W. David Wilson

03/14/2007

** 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.

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.