

Kahler Michael E
 Form 4
 November 21, 2012

FORM 4

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

OMB APPROVAL

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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 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 *
 Kahler Michael E

(Last) (First) (Middle)
 POLYONE CENTER, 33587
 WALKER ROAD
 (Street)

AVON LAKE, OH 44012

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 POLYONE CORP [POL]

3. Date of Earliest Transaction (Month/Day/Year)
 11/20/2012

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)
 SVP, Chief Commercial Officer

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 Indirect Beneficial Ownership (Instr. 4)				
				Code	V	Amount	(D)	Price			
Common Stock	11/20/2012		M		56,700	A		\$ 9.02	139,476	D	
Common Stock	11/20/2012		D		38,808	D		\$ 19.565	100,668	D	
Common Stock	11/20/2012		S		20,109	D		\$ 19.5086	80,559	D	

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

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 (9-02)

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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 Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Appreciation Right	\$ 9.02	11/20/2012		M	56,700	(2) 05/25/2013	Common Stock	56,700	

Reporting Owners

Reporting Owner Name / Address

Relationships

Kahler Michael E
POLYONE CENTER
33587 WALKER ROAD
AVON LAKE, OH 44012

Director 10% Owner Officer Other

SVP, Chief Commercial Officer

Signatures

By: Lisa K. Kunkle, Power of Attorney For: Michael E. Kahler

11/21/2012

__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) The sale price is a weighted average for the sale transactions. The sale prices range from a low of \$19.35 per share to a high of \$19.79 per share. Full information regarding the number of shares purchased at each separate price is available upon request by the Commission staff, PolyOne Corporation, or a security holder of PolyOne Corporation.

(2) 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 \$7.50 per share; an additional 1/3 vests at a market price of \$8.50 per share; and the remaining 1/3 vests at a market price of \$10.00 per share; provided, however, that no vesting will occur sooner than one year from the grant date of May 25, 2006.

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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