FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

STATEMENT	OF CHANGES	IN BENEFICIAL

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

OWNERSHIP

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* CARTWRIGHT CAROL A														5. Relationship of Reporting Person(s) to Issuer (Check all applicable)							
CARTWRIGITT CAROL A															X	Director		10%	Owner		
(Last) (First) (Middle) POLYONE CENTER				3. Date of Earliest Transaction (Month/Day/Year) 12/29/2006											Offic below	er (give title w)	Other below	(specify)			
33587 WALKER ROAD					4. 11	f Am	endme	nt, Date	of C	Original	Filed	(Month/Da	ay/Ye	ear)		6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)																	Forn	Form filed by One Reporting Person			
AVON L	AKE O	H ·	44012		_												X Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(S	tate)	(Zip)																		
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																					
		2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		,	3. Transaction Code (Instr. 8)							Secur Benef Owne	icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership				
										Code	v	Amount		(A) o (D)	r Pri	се	Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)	
Common Stock			12/29/2006		5				A		2,251		A	\$	7.495	66,804		Ι	Deferred Comp Plan		
Common Stock			12/29/2006		ô				A		1,667		A		\$0	68,471		I	Deferred Comp Plan		
Common	nmon Stock													18,613		D					
Common	Stock																200 I by Spot			by Spouse	
	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. Deem Execution if any (Month/Da	Date,	4. Transacti Code (Ins 8)		on of		Ex	Date Expiratio	n Date		7. Title and Amount of Securities Underlying Derivative Security (Instr and 4)		of es ng /e (Instr.	Der Sed (Ins	curity str. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v						Expiration Date	Titl	N O	Amoun or Numbe of Shares						

Explanation of Responses:

By: Wendy C. Shiba Power of Attorney For: Carol A.

01/03/2007

Cartwright

** 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.