

POLYONE CORP  
Form S-8  
February 24, 2009

**Table of Contents**

**As filed with the Securities and Exchange Commission on February 24, 2009**

Registration No. 333-

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549  
FORM S-8  
REGISTRATION STATEMENT  
UNDER THE SECURITIES ACT OF 1933  
POLYONE CORPORATION  
(Exact Name of Registrant as Specified in Its Charter)**

OHIO 34-1730488  
(State or Other Jurisdiction (I.R.S. Employer Identification No.)  
of Incorporation or Organization)

33587 Walker Road, Avon Lake, Ohio 44012  
(Address of Principal Executive Offices Including Zip Code)

**POLYONE RETIREMENT SAVINGS PLAN**  
(Full Title of the Plan)

Lisa K. Kunkle, Esq.  
Vice President, General Counsel and Secretary  
PolyOne Corporation  
33587 Walker Road  
Avon Lake, Ohio 44012  
(440) 930-1000

(Name, Address and Telephone Number of Agent For Service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller Reporting Company   
(Do not check if a smaller reporting company)

**CALCULATION OF REGISTRATION FEE**

Title of Securities to be Registered	Amount to be Registered <sup>(1)(2)</sup>	Proposed Maximum Offering Price Per Share <sup>(3)</sup>	Proposed Maximum Aggregate Offering Price <sup>(3)</sup>	Amount of Registration Fee
Common Shares, par value \$0.01 per share	10,000,000	\$2.29	\$22,900,000	\$899.97

(1) Represents the maximum number of common shares of the Registrant,

\$0.01 par value  
( Common  
Shares ),  
issuable  
pursuant to the  
PolyOne  
Retirement  
Savings Plan  
(the Plan ) being  
registered  
hereon.

(2) Pursuant to Rule  
416(c) of the  
Securities Act  
of 1933 (the  
Securities Act ),  
this Registration  
Statement also  
covers an  
indeterminate  
number of  
interests to be  
offered or sold  
pursuant to the  
Plan.

(3) Estimated solely  
for calculating  
the amount of  
the registration  
fee, pursuant to  
paragraphs  
(c) and (h) of  
Rule 457 of the  
General Rules  
and Regulations  
under the  
Securities Act,  
on the basis of  
the average of  
the high and low  
sale prices of  
the Common  
Shares on the  
New York  
Stock Exchange  
on February 18,  
2009, within  
five business  
days prior to

filing.

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**TABLE OF CONTENTS**

**PART II**

**Item 3. Incorporation of Documents by Reference**

**Item 8. Exhibits**

**SIGNATURES**

**EXHIBIT INDEX**

**EX-23.1**

**EX-23.2**

**EX-23.3**

**EX-24**

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**Table of Contents**

PolyOne Corporation, an Ohio corporation (the Registrant ), hereby files this Registration Statement on Form S-8 to register an additional 10,000,000 Common Shares under the Plan for which a previously filed registration statement on Form S-8 relating to the Plan is effective. Pursuant to General Instruction E to Form S-8, this Registration Statement incorporates by reference the content of the Registration Statement on Form S-8 (Registration No. 333-141029) filed by the Registrant on March 2, 2007, with respect to the Plan and the DH Compounding Savings and Retirement Plan (which was merged into the Plan on December 31, 2008), including all attachments and exhibits thereto, except to the extent supplemented, amended or superseded by the information set forth herein

**PART II**

**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

The following documents have been filed by the Registrant, with the Securities and Exchange Commission (the Commission ) and are incorporated herein by reference:

The Registrant s Annual Report on Form 10-K, filed February 23, 2009;

Annual Report on Form 11-K for the year ended December 31, 2007, filed by the PolyOne Retirement Savings Plan on June 27, 2008;

The Registrant s Current Reports on Form 8-K, filed January 22, 2009 and February 5, 2009; and

The description of the Registrant s Common Shares contained in the registration statement on Form 8-A filed August 31, 2000, including any subsequently filed amendments and reports updating such description.

The Registrant will not, however, incorporate by reference any documents or portions thereof that are not deemed filed with the Commission, including any information furnished pursuant to Item 2.02 or Item 7.01 of its current reports on Form 8-K unless, and except to the extent, specified in such reports.

All documents filed by the Registrant with the Commission pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934 subsequent to the date of this Registration Statement and prior to the filing of a post-effective amendment that indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, will be deemed to be incorporated by reference in this Registration Statement and to be part hereof from the date of filing of such documents. Any statement contained in any document incorporated or deemed to be incorporated by reference herein will be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any other subsequently filed document that also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded will not be deemed, except as modified or superseded, to constitute a part of this Registration Statement.

**Item 8. Exhibits.**

Exhibit Number	Description
23.1	Consent of Independent Registered Public Accounting Firm Ernst & Young LLP.

**Table of Contents**

Exhibit Number	Description
23.2	Consent of Independent Registered Public Accounting Firm KPMG LLP.
23.3	Consent of Independent Registered Public Accounting Firm Ernst & Young LLP.
24	Power of Attorney.

**[Signatures on following page]**

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**Table of Contents**

**SIGNATURES**

*The Registrant.* Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Avon Lake, State of Ohio on February 24, 2009.

**POLYONE CORPORATION**

By: /s/ Lisa K. Kunkle

Lisa K. Kunkle  
Vice President, General Counsel and  
Secretary

Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities and on the date indicated.

Date: February 24, 2009

\*

Stephen D. Newlin  
Chairman of the Board, President and Chief  
Executive Officer (Principal Executive Officer)

Date: February 24, 2009

/s/ Robert M. Patterson

Robert M. Patterson  
Senior Vice President and Chief Financial Officer  
(Principal Financial and Accounting Officer)

Date: February 24, 2009

\*

J. Douglas Campbell  
Director

Date: February 24, 2009

\*

Carol A. Cartwright  
Director

Date: February 24, 2009

\*

Gale Duff-Bloom  
Director

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**Table of Contents**

Date: February 24, 2009 \*

Richard H. Fearon  
Director

Date: February 24, 2009 \*

Robert A. Garda  
Director

Date: February 24, 2009 \*

Gordon D. Harnett  
Director

Date: February 24, 2009 \*

Richard A. Lorraine  
Director

Date: February 24, 2009 \*

Edward J. Mooney  
Director

Date: February 24, 2009 \*

William H. Powell  
Director

Date: February 24, 2009 \*

Farah M. Walters  
Director

\* This registration statement has been signed on behalf of the above officers and directors by Lisa K. Kunkle, as attorney-in-fact pursuant to a power of attorney filed as Exhibit 24 to

this registration  
statement.

DATED: February 24, 2009

By: /s/ Lisa K. Kunkle

Lisa K. Kunkle  
Attorney-in-Fact

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**Table of Contents**

*The Plan.* Pursuant to the requirements of the Securities Act, the trustees (or other persons who administer the employee benefit plan) have duly caused this registration statement to be signed on their behalf by the undersigned, thereunto duly authorized, in the city of Avon Lake, State of Ohio, on February 24, 2009.

**POLYONE RETIREMENT SAVINGS  
PLAN**

By: PolyOne Retirement Plan  
Committee

By: /s/ Robert M. Patterson

Robert M. Patterson  
Plan Administrator

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**Table of Contents**

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