

POLYONE CORP
Form S-3
November 04, 2009

Table of Contents

**As filed with the Securities and Exchange Commission on November 4, 2009
Registration No. 333-**

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

**FORM S-3
REGISTRATION STATEMENT
UNDER THE SECURITIES ACT OF 1933**

POLYONE CORPORATION

(Exact name of registrant as specified in its charter)

Ohio

(State or Other Jurisdiction of Incorporation or
Organization)

34-1730488

(I.R.S. Employer Identification Number)

**33587 Walker Road
Avon Lake, Ohio 44012
(440) 930-1000**

(Address, including zip code, and telephone number, including area code,
of registrant's principal executive offices)

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

(Address, including zip code, and telephone number, including area code,
of agent for service)

Copies To:

**Michael J. Solecki
Jones Day
901 Lakeside Avenue
Cleveland, Ohio 44114
Phone: (216) 586-3939
Fax: (216) 579-0212**

Approximate date of commencement of proposed sale to the public: From time to time after this registration statement becomes effective.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, please check the following box.

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this form is a post-effective amendment to a registration statement pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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 Each Class of Securities to be Registered	Amount to be Registered (1)	Proposed Maximum Offering Price Per Unit (1) (2)	Proposed Maximum Aggregate Offering Price (1) (3)	Amount of Registration Fee (1)
Common Shares, par value \$0.01 per share (4)(11)				
Preferred Shares (5)(11)				
Depository Shares (6)(11)				
Warrants (7)(11)				
Subscription Rights (8)(11)				
Debt Securities (9)(11)				
Units (10)(11)				
Total	\$450,000,000	100%	\$ 450,000,000(12)	\$ 25,110

(1) Not specified as to each class of securities to be registered pursuant to General Instruction II.D. to Form S-3.

(2) The proposed maximum

offering price per unit will be determined from time to time by the registrant in connection with the issuance by the registrant of the securities registered hereunder.

- (3) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o).
- (4) Subject to note (12) below, there is being registered an indeterminate number of common shares.
- (5) Subject to note (12) below, there is being registered an indeterminate number of preferred shares.
- (6) Subject to note (12) below, there is being registered an indeterminate number of depositary shares to be evidenced by depositary receipts issued pursuant to a deposit agreement. If the registrant elects to offer to

the public fractional interests in preferred shares, then depositary receipts will be distributed to those persons purchasing the fractional interests and the shares will be issued to the depositary under the deposit agreement.

(7) Subject to note (12) below, there is being registered hereunder an indeterminate amount and number of warrants. The warrants may represent the right to purchase common shares, preferred shares, depositary shares or debt securities.

(8) Subject to note (12) below, there is being registered an indeterminate number of subscription rights that may represent a right to purchase common shares, preferred shares, depositary shares or debt securities.

- (9) Subject to note (12) below, there is being registered an indeterminate principal amount of debt securities.
- (10) Subject to note (11) below, there is being registered an indeterminate number of units. Each unit will be issued under a unit agreement and will represent an interest in a combination of one or more of the securities registered hereunder.
- (11) Subject to note (12) below, this registration statement also covers an indeterminate amount of securities as may be issued in exchange for, or upon conversion or exercise of, as the case may be, the preferred shares, depositary shares, warrants, subscription rights or debt securities registered hereunder. Any securities

registered
hereunder may
be sold
separately or as
units with other
securities
registered
hereunder. No
separate
consideration
will be received
for any
securities
registered
hereunder that
are issued in
exchange for, or
upon conversion
of, as the case
may be, the
preferred shares,
depository
shares, warrants,
subscription
rights or debt
securities.

- (12) In no event will the aggregate initial offering price of all securities issued from time to time pursuant to the prospectus contained in this registration statement exceed \$450,000,000 or the equivalent thereof in one or more foreign currencies or foreign currency units. Such amount represents the offering price of any common shares, preferred

shares and
depository
shares, the
principal
amount of any
debt securities
issued at their
stated principal
amount, the
issue price
rather than the
principal
amount of any
debt securities
issued at an
original issue
discount, the
issue price of
any warrants,
the exercise
price of any
securities
issuable upon
the exercise of
warrants and the
issue price of
any securities
issuable upon
the exercise of
subscription
rights. The
aggregate
principal
amount of debt
securities may
be increased if
any debt
securities are
issued at an
original issue
discount by an
amount such
that the offering
price to be
received by the
registrant shall
be equal to the
above amount to
be registered.
Any offering of
securities

denominated
other than in
United States
dollars will be
treated as the
equivalent of
United States
dollars based on
the exchange
rate applicable
to the purchase
of such
securities at the
time of initial
offering. The
securities
registered
hereunder may
be sold
separately or as
units with other
securities
registered
hereunder.

Table of Contents

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

Table of Contents

The information in this preliminary prospectus is not complete and may be changed. We may not sell securities under this registration statement until the registration statement filed with the Securities and Exchange Commission is effective. This preliminary prospectus is not an offer to sell any securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, Dated November 4, 2009

PROSPECTUS

\$450,000,000

Common Shares

Preferred Shares

Depository Shares

Warrants

Subscription Rights

Debt Securities

Units

We may offer and sell from time to time our common shares, preferred shares, depository shares, warrants, subscription rights and debt securities, as well as units that include any of these securities. We may sell any combination of these securities in one or more offerings with an aggregate initial offering price of \$450,000,000 or the equivalent amount in other currencies or currency units.

We will provide the specific terms of the securities to be offered in one or more supplements to this prospectus. You should read this prospectus and the applicable prospectus supplement carefully before you invest in our securities. This prospectus may not be used to offer and sell our securities unless accompanied by a prospectus supplement describing the method and terms of the offering of those offered securities.

We may sell the securities directly or to or through underwriters or dealers, and also to other purchasers or through agents. The names of any underwriters or agents that are included in a sale of securities to you, and any applicable commissions or discounts, will be stated in an accompanying prospectus supplement. In addition, the underwriters, if any, may over-allot a portion of the securities.

Investing in any of our securities involves risk. Please read carefully the section entitled Risk Factors beginning on page 4 of this prospectus.

Our common shares are listed on the New York Stock Exchange under the symbol POL. None of the other securities that we may offer under this prospectus are currently publicly traded.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2009

TABLE OF CONTENTS

	Page
<u>About This Prospectus</u>	1
<u>Where You Can Find More Information</u>	1
<u>Information We Incorporate By Reference</u>	1
<u>The Company</u>	3
<u>Risk Factors</u>	4
<u>Disclosure Regarding Forward-Looking Statements</u>	4
<u>Use of Proceeds</u>	6
<u>Ratio of Earnings to Fixed Charges</u>	6
<u>Description of Capital Stock</u>	7
<u>Description of Depositary Shares</u>	9
<u>Description of Warrants</u>	11
<u>Description of Subscription Rights</u>	14
<u>Description of Debt Securities</u>	15
<u>Description of Units</u>	24
<u>Plan of Distribution</u>	25
<u>Legal Matters</u>	27
<u>Experts</u>	27
<u>EX-4.4</u>	
<u>EX-5.1</u>	
<u>EX-12.1</u>	
<u>EX-23.1</u>	
<u>EX-23.2</u>	
<u>EX-23.3</u>	
<u>EX-24.1</u>	
<u>EX-25.1</u>	

Table of Contents

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the SEC using a shelf registration process. Under this shelf process, we may from time to time sell any combination of the securities described in this prospectus in one or more offerings with an aggregate initial offering price of up to \$450,000,000 or the equivalent amount in other currencies or currency units.

This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information under the heading **Where You Can Find More Information** and **Information We Incorporate By Reference**.

You should rely only on the information contained or incorporated by reference in this prospectus and in any prospectus supplement or in any free writing prospectus that we may provide you. We have not authorized anyone to provide you with different information. You should not assume that the information contained in this prospectus, any prospectus supplement, any document incorporated by reference or any free writing prospectus is accurate as of any date, other than the date mentioned on the cover page of these documents. We are not making offers to sell the securities in any jurisdiction in which an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation.

References in this prospectus to the terms **we**, **us**, **PolyOne** or **the Company** or other similar terms mean PolyOne Corporation and its consolidated subsidiaries, unless we state otherwise or the context indicates otherwise.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational reporting requirements of the Securities Exchange Act of 1934. We file reports, proxy statements and other information with the SEC. Our SEC filings are available over the Internet at the SEC's website at <http://www.sec.gov>. You may read and copy any reports, statements and other information filed by us at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call 1-800-SEC-0330 for further information on the Public Reference Room. You may also inspect our SEC reports and other information at the New York Stock Exchange, 20 Broad Street, New York, New York 10005, or at our website at <http://www.polyone.com>. The information contained on or accessible through our website is not a part of this prospectus, other than the documents that we file with the SEC that are incorporated by reference into this prospectus.

INFORMATION WE INCORPORATE BY REFERENCE

The SEC allows us to incorporate by reference into this prospectus the information in documents we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. Any statement contained in any document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in or omitted from this prospectus or any accompanying prospectus supplement, or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We incorporate by reference the documents listed below and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act until the completion of the offering of securities described in this prospectus:

our annual report on Form 10-K for the year ended December 31, 2008;

Table of Contents

our quarterly reports on Form 10-Q for the quarters ended March 31, 2009, June 30, 2009 and September 30, 2009;

our current reports on Form 8-K filed on January 22, 2009; February 5, 2009; July 17, 2009 and September 2, 2009; and

the description of our capital stock set forth in our Registration Statement on Form 8-A (File No. 001-16091) filed with the SEC on August 31, 2000, and all amendments and reports filed for the purpose of updating that description.

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

We will provide you with a copy of any of these filings (other than an exhibit to these filings, unless the exhibit is specifically incorporated by reference into the filing requested) at no cost, if you submit a request to us by writing or telephoning us at the following address and telephone number:

PolyOne Corporation
33587 Walker Road
Avon Lake, Ohio 44012
(440) 930-1000
Attn: Secretary

2

Table of Contents

THE COMPANY

We are a premier provider of specialized polymer materials, services and solutions with operations in thermoplastic compounds, specialty polymer formulations, color and additive systems, thermoplastic resin distribution and specialty polyvinyl chloride resins. We also have two equity investments: one in a manufacturer of caustic soda and chlorine and one in a formulator of polyurethane compounds.

We provide value to our customers through our ability to link our knowledge of polymers and formulation technology with our manufacturing and supply chain processes to provide an essential link between large chemical producers (our raw material suppliers) and designers, assemblers and processors of plastics (our customers). We believe that large chemical producers are increasingly outsourcing less-than-railcar business; polymer and additive producers need multiple channels to market; processors continue to outsource compounding; and international companies need suppliers with global reach. Our goal is to provide our customers with specialized material and service solutions through our global reach, product platforms, low-cost manufacturing operations, a fully integrated information technology network, broad market knowledge and raw material procurement leverage. Our end markets are primarily in the building and construction materials, wire and cable, transportation, durable goods, packaging, healthcare, electrical and electronics, medical and telecommunications markets, as well as many industrial applications.

PolyOne was formed on August 31, 2000 from the consolidation of The Geon Company and M.A. Hanna. Geon's roots date back to 1927 when BFGoodrich scientist Waldo Semon produced the first usable vinyl polymer. In 1948, BFGoodrich created a vinyl plastic division that was subsequently spun off through a public offering in 1993, creating Geon, a separate publicly-held company. Hanna was formed in 1885 as a privately-held company and became publicly-held in 1927. In the mid-1980s, Hanna began to divest its historic mining and shipping businesses to focus on polymers. Hanna purchased its first polymer company in 1986 and completed its 26th polymer company acquisition in 2000.

Corporate Information

We are incorporated in Ohio and our headquarters are located at 33587 Walker Road, Avon Lake, Ohio 44012. Our telephone number is (440) 930-1000. Our website is <http://www.polyone.com>. The information accessible through our website is not part of this prospectus, other than the documents that we file with the SEC that are incorporated by reference into this prospectus.

Table of Contents

RISK FACTORS

Investing in our securities involves risk. Prior to making a decision about investing in our securities, you should carefully consider the specific factors discussed under the heading **Risk Factors** in our most recent annual report on Form 10-K and in our most recent quarterly reports on Form 10-Q, which are incorporated herein by reference and may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future. The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our operations. If any of these risks actually occurs, our business, results of operations and financial condition could suffer. In that case, the trading price of our securities could decline, and you could lose all or a part of your investment.

DISCLOSURE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated by reference, contains, and any prospectus supplement may contain, statements that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may be identified by the use of predictive, future-tense or forward-looking terminology, such as believes, anticipates, expects, estimates, intends, may, similar terms. These statements speak only as of the date of this prospectus, the date of the prospectus supplement or the date of the document incorporated by reference, as applicable, and we undertake no ongoing obligation, other than that imposed by law, to update these statements. These statements appear in a number of places in this prospectus, including the documents incorporated by reference, and relate to, among other things, our intent, belief or current expectations with respect to: our future financial condition, results of operations and prospects; our business and growth strategies; and our financing plans and forecasts. You are cautioned that any such forward-looking statements are not guarantees of future performance and involve significant risks and uncertainties, and that actual results may differ materially from those contained in or implied by the forward-looking statements as a result of various factors, some of which are unknown, including, without limitation:

- the effect on foreign operations of currency fluctuations, tariffs and other political, economic and regulatory risks;

- changes in polymer consumption growth rates in the markets where we conduct business;

- changes in global industry capacity or in the rate at which anticipated changes in industry capacity come online in the polyvinyl chloride, chlor alkali, vinyl chloride monomer or other industries in which we participate;

- fluctuations in raw material prices, quality and supply and in energy prices and supply;

- production outages or material costs associated with scheduled or unscheduled maintenance programs;

- unanticipated developments that could occur with respect to contingencies such as litigation and environmental matters, including any developments that would require any increase in our costs and/or reserves for such contingencies;

- an inability to achieve or delays in achieving or achievement of less than the anticipated financial benefit from initiatives related to working capital reductions, cost reductions and employee productivity goals;

- an inability to raise or sustain prices for products or services;

- an inability to maintain appropriate relations with unions and employees;

- our ability to realize anticipated savings and operational benefits from our realigning of assets, including those related to closure of certain production facilities;

Table of Contents

the financial condition of our customers, including the ability of customers (especially those that may be highly leveraged and those with inadequate liquidity) to maintain their credit availability;

disruptions, uncertainty or volatility in the credit markets that could adversely impact the availability of credit already arranged and the availability and cost of credit in the future; and

other factors affecting our business beyond our control, including, without limitation, changes in the general economy, changes in interest rates and changes in the rate of inflation.

These factors and the other risk factors described in this prospectus and any accompanying prospectus supplement, including the documents incorporated by reference, are not necessarily all of the important factors that could cause actual results to differ materially from those expressed in any of our forward-looking statements. Other unknown or unpredictable factors also could harm our results. Consequently, there can be no assurance that the actual results or developments anticipated by us will be realized or, even if substantially realized, that they will have the expected consequences to or effects on us. We cannot guarantee that any forward-looking statement will be realized, although we believe we have been prudent in our plans and assumptions. Achievement of future results is subject to risks, uncertainties and inaccurate assumptions.

Table of Contents**USE OF PROCEEDS**

Unless we inform you otherwise in the applicable prospectus supplement, we expect to use the net proceeds from the sale of securities for general corporate purposes. These purposes may include, but are not limited to:

reduction or refinancing of outstanding indebtedness or other corporate obligations;

capital expenditures; and

acquisitions.

Pending any specific application, we may initially invest funds in short-term marketable securities or apply them to the reduction of short-term indebtedness.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of consolidated earnings to fixed charges for the periods presented:

	2004	Year ended December 31,			2008	Nine months ended September 30, 2009
		2005	2006	2007		
Ratio of earnings to fixed charges	1.3x	1.8x	2.3x			2.1x

For purposes of computing the ratio of earnings to fixed charges, earnings consist of income (loss) before income taxes and discontinued operations and exclude income (loss) from equity affiliates and minority interest and capitalized interest, but include dividends received from equity affiliates, fixed charges and amortization of previously capitalized interest. Fixed charges consist of interest expensed and capitalized, amortized premiums, discounts and capitalized expenses related to indebtedness, a portion of rental expense representing an interest factor and interest expense relating to guaranteed debt of our equity affiliates. Earnings for 2007 and 2008 were insufficient to cover fixed charges by \$22.4 million and \$169.2 million, respectively. Accordingly, no such ratio is presented for such periods.

Table of Contents

DESCRIPTION OF CAPITAL STOCK

The following description is a general summary of the terms of the capital stock that we may issue. The description below and in any prospectus supplement does not include all of the terms of the capital stock and should be read together with our Amended and Restated Articles of Incorporation and Amended and Restated Code of Regulations, copies of which have been filed previously with the SEC. For more information on how you can obtain copies of our Amended and Restated Articles of Incorporation and Amended and Restated Code of Regulations, see **Where You Can Find More Information.**

General

Our authorized capital stock consists of:
400,000,000 common shares, and

40,000,000 preferred shares.

The holders of common shares are entitled to receive dividends as may be declared from time to time by our Board of Directors out of funds legally available for those dividends. The holders of common shares will be entitled to one vote per share on all matters submitted to a vote of shareholders. Holders of common shares will be entitled to receive, upon any liquidation, all remaining assets available for distribution to shareholders after satisfaction of our liabilities and the preferential rights of any preferred shares that may then be issued and outstanding. The holders of common shares have no preemptive, conversion or redemption rights.

We may issue one or more series of preferred shares as created and authorized by our Board of Directors. The Board of Directors will determine and the prospectus supplement relating to any particular issuance of serial preferred shares will describe the terms of those serial preferred shares, including, to the extent applicable, the following:

the number of shares to constitute each series and the name and serial designation thereof;

the annual dividend rate and dividend payment dates;

whether dividends are to be cumulative or non-cumulative;

whether any series will be subject to redemption, and, if so, the manner of redemption and the redemption price;

whether the shares of any series shall be subject to the operation of a retirement, purchase or sinking fund;

the terms, if any, upon which shares of any series shall be convertible into, or exchangeable for, or shall have rights to purchase or other privileges to acquire shares of any other class or of any other series of the same or any other class;

the limitations and restrictions, if any, to be effective while any shares of any series are outstanding upon the payment of dividends or other distributions on, and upon the purchase, redemption or other acquisition of, the common shares or any other series or class of our stock ranking junior to the shares of any series;

the conditions or restrictions, if any, upon creation of indebtedness or issuance of any additional shares of any class ranking on a parity with or prior to the shares of any series; and

the voting rights of any series, if any, which rights may be full, limited or denied.

Ohio Takeover Legislation

Table of Contents

Transactions Involving Interested Shareholders. Section 1704.02 of the Ohio Revised Code prohibits any Chapter 1704 transaction (as defined below) for a period of three years from the date on which a shareholder first becomes an interested shareholder unless the directors of the corporation approved the transaction prior to the shareholder becoming an interested shareholder or approved the transaction pursuant to which the shareholder became an interested shareholder.

A Chapter 1704 transaction is defined to include a variety of transactions such as mergers, consolidations, combinations or majority share acquisitions between an Ohio corporation and an interested shareholder or an affiliate of an interested shareholder. An interested shareholder is defined generally as any person who, directly or indirectly, beneficially owns 10% or more of the outstanding voting stock of the corporation. After such three-year period, a Chapter 1704 transaction is prohibited unless certain fair price provisions are complied with, the directors of the corporation approved the purchase of shares which made the shareholder an interested shareholder, or the shareholders of the corporation approve the transaction by the affirmative vote of two-thirds of the voting power of the corporation or such other percentage set forth in the articles of incorporation of the corporation provided that a majority of the disinterested shareholders approve the transaction.

Control Share Acquisitions. Section 1701.831 of the Ohio Revised Code generally prohibits transactions pursuant to which a person obtains one-fifth or more but less than one-third of all the voting power of a corporation, one-third or more but less than a majority of all of the voting power of a corporation, or a majority or more of all the voting power of a corporation (a control share acquisition), unless the shareholders approve the transaction at a special meeting, at which a quorum is present, by both the affirmative vote of a majority of the voting power of the corporation and by the affirmative vote of a majority of the voting power of the corporation excluding the voting power of interested shares. A corporation can provide in its articles of incorporation or regulations that Section 1701.831 does not apply to control share acquisitions of shares of such corporation. Neither our articles nor our regulations contain any provisions to alter the effect of 1701.831 of the Ohio Revised Code.

Cumulative Voting

Under Ohio law, unless otherwise provided in a corporation's articles of incorporation, each shareholder is entitled to cumulate such shareholder's votes in the election of directors if the shareholder gives notice to the corporation. Our articles prohibit cumulative voting by shareholders.

Table of Contents

DESCRIPTION OF DEPOSITARY SHARES

General

We may offer depositary shares representing fractional preferred shares of any series. The following description sets forth certain general terms and provisions of the depositary shares that we may offer pursuant to this prospectus. The particular terms of the depositary shares, including the fraction of a preferred share that such depositary share will represent, and the extent, if any, to which the general terms and provisions may apply to the depositary shares so offered will be described in the applicable prospectus supplement.

The preferred shares represented by depositary shares will be deposited under a depositary agreement between us and a bank or trust company that meets certain requirements and is selected by us, which we refer to as the bank depositary. Each owner of a depositary share will be entitled to all the rights and preferences of the preferred shares represented by the depositary share. The depositary shares will be evidenced by depositary receipts issued pursuant to the depositary agreement. Depositary receipts will be distributed to those persons purchasing the fractional preferred shares in accordance with the terms of the offering. The deposit agreement will also contain provisions relating to the manner in which any subscription or similar rights we offer to holders of the preferred shares will be made available to the holders of depositary shares.

The following description is a general summary of some common provisions of a depositary agreement and the related depositary receipts. The description below and in any prospectus supplement does not include all of the terms of the depositary agreement and the related depositary receipts. Copies of the form of depositary agreement and the depositary receipts relating to any particular issue of depositary shares will be filed with the SEC each time we issue depositary shares, and you should read those documents for provisions that may be important to you. For more information on how you can obtain copies of the forms of the depositary agreement and the related depositary receipts, see [Where You Can Find More Information](#).

Dividends and Other Distributions

If we pay a cash distribution or dividend on a series of preferred shares represented by depositary shares, the bank depositary will distribute these dividends to the record holders of these depositary shares. If the distributions are in property other than cash, the bank depositary will distribute the property to the record holders of the depositary shares. However, if the bank depositary determines that it is not feasible to make the distribution of property, the bank depositary may, with our approval, sell this property and distribute the net proceeds from this sale to the record holders of the depositary shares.

Redemption of Depositary Shares

If we redeem a series of preferred shares represented by depositary shares, the bank depositary will redeem the depositary shares from the proceeds received by the bank depositary in connection with the redemption. The redemption price per depositary share will equal the applicable fraction of the redemption price per share of the preferred shares. If fewer than all the depositary shares are redeemed, the depositary shares to be redeemed will be selected by lot or pro rata as the bank depositary may determine.

Voting the Preferred Shares

Upon receipt of notice of any meeting at which the holders of the preferred shares represented by depositary shares are entitled to vote, the bank depositary will mail the notice to the record holders of the depositary shares relating to the preferred shares. Each record holder of these depositary shares on the record date (which will be the same date as the record date for the preferred shares) may instruct the bank depositary as to how to vote the preferred shares represented by this holder's depositary shares. The bank depositary will endeavor, insofar as practicable, to vote the amount of the preferred shares represented by such depositary shares in accordance with these instructions, and we will take all action which the bank depositary deems necessary in order to enable the bank depositary to do so. The bank depositary will abstain from voting the preferred shares to the extent it does not receive specific instructions from the holders of depositary shares representing this preferred shares.

Table of Contents

Amendment and Termination of the Depositary Agreement

The form of depositary receipt evidencing the depositary shares and any provision of the depositary agreement may be amended by agreement between the bank depositary and us. However, any amendment that materially and adversely alters the rights of the holders of depositary shares will not be effective unless this amendment has been approved by the holders of at least a majority of the depositary shares then outstanding. The depositary agreement may be terminated by the bank depositary or us only if:

all outstanding depositary shares have been redeemed; or

there has been a final distribution in respect of the preferred shares in connection with any liquidation, dissolution or winding up of the Company and this distribution has been distributed to the holders of depositary receipts.

Charges of Bank Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will pay charges of the bank depositary in connection with the initial deposit of the preferred shares and any redemption of the preferred shares. Holders of depositary receipts will pay other transfer and other taxes and governmental charges and any other charges, including a fee for the withdrawal of preferred shares upon surrender of depositary receipts, as are expressly provided in the depositary agreement to be for their accounts.

Withdrawal of Preferred Shares

Except as may be provided otherwise in the applicable prospectus supplement, upon surrender of depositary receipts at the principal office of the bank depositary, subject to the terms of the depositary agreement, the owner of the depositary shares may demand delivery of the number of whole preferred shares and all money and other property, if any, represented by those depositary shares. Fractional preferred shares will not be issued. If the depositary receipts delivered by the holder evidence a number of depositary shares in excess of the number of depositary shares representing the number of whole preferred shares to be withdrawn, the bank depositary will deliver to this holder at the same time a new depositary receipt evidencing the excess number of depositary shares. Holders of preferred shares thus withdrawn may not thereafter deposit those shares under the depositary agreement or receive depositary receipts evidencing depositary shares therefor.

Miscellaneous

The bank depositary will forward to holders of depositary receipts all reports and communications from us that are delivered to the bank depositary and that we are required to furnish to the holders of preferred shares.

Neither the bank depositary nor we will be liable if we are prevented or delayed by law or any circumstance beyond our control in performing our obligations under the depositary agreement. The obligations of the bank depositary and us under the depositary agreement will be limited to performance in good faith of our duties thereunder, and we will not be obligated to prosecute or defend any legal proceeding in respect of any depositary shares or preferred shares unless satisfactory indemnity is furnished. We may rely upon written advice of counsel or accountants, or upon information provided by persons presenting preferred shares for deposit, holders of depositary receipts or other persons believed to be competent and on documents believed to be genuine.

Resignation and Removal of Bank Depositary

The bank depositary may resign at any time by delivering to us notice of its election to do so, and we may at any time remove the bank depositary. Any such resignation or removal will take effect upon the appointment of a successor bank depositary and the successor's acceptance of this appointment. The successor bank depositary must be appointed within 60 days after delivery of the notice of resignation or removal and must be a bank or trust company meeting the requirements of the depositary agreement.

Table of Contents

DESCRIPTION OF WARRANTS

General

We may issue warrants for the purchase of common shares, preferred shares, depositary shares or debt securities. The following description sets forth certain general terms and provisions of the warrants that we may offer pursuant to this prospectus. The particular terms of the warrants and the extent, if any, to which the general terms and provisions may apply to the warrants so offered will be described in the applicable prospectus supplement.

Warrants may be issued independently or together with other securities and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent. The warrant agent will act solely as our agent in connection with the warrants and will not have any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants.

A copy of the forms of the warrant agreement and the warrant certificate relating to any particular issue of warrants will be filed with the SEC each time we issue warrants, and you should read those documents for provisions that may be important to you. For more information on how you can obtain copies of the forms of the warrant agreement and the related warrant certificate, see [Where You Can Find More Information](#).

Debt Warrants

The prospectus supplement relating to a particular issue of warrants to issue debt securities will describe the terms of those warrants, including the following:

the title of the warrants;

the offering price for the warrants, if any;

the aggregate number of the warrants;

the designation and terms of the debt securities purchasable upon exercise of the warrants;

if applicable, the designation and terms of the debt securities that the warrants are issued with and the number of warrants issued with each debt security;

if applicable, the date from and after which the warrants and any debt securities issued with them will be separately transferable;

the principal amount of debt securities that may be purchased upon exercise of a warrant and the price at which the debt securities may be purchased upon exercise;

the dates on which the right to exercise the warrants will commence and expire;

if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;

whether the warrants represented by the warrant certificates or debt securities that may be issued upon exercise of the warrants will be issued in registered or bearer form;

information relating to book-entry procedures, if any;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

if applicable, a discussion of material United States federal income tax considerations;

Table of Contents

anti-dilution provisions of the warrants, if any;

redemption or call provisions, if any, applicable to the warrants;

any additional terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants; and

any other information we think is important about the warrants.

Share Warrants

The prospectus supplement relating to a particular issue of warrants to issue common shares, preferred shares or depositary shares will describe the terms of the common share warrants and preferred share warrants, including the following:

the title of the warrants;

the offering price for the warrants, if any;

the aggregate number of the warrants;

the designation and terms of the common shares, preferred shares or depositary shares that may be purchased upon exercise of the warrants;

if applicable, the designation and terms of the securities that the warrants are issued with and the number of warrants issued with each security;

if applicable, the date from and after which the warrants and any securities issued with the warrants will be separately transferable;

the number of common shares or preferred shares or depositary shares that may be purchased upon exercise of a warrant and the price at which the shares may be purchased upon exercise;

the dates on which the right to exercise the warrants commence and expire;

if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

if applicable, a discussion of material United States federal income tax considerations;

anti-dilution provisions of the warrants, if any;

redemption or call provisions, if any, applicable to the warrants;

any additional terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants; and

any other information we think is important about the warrants.

Exercise of Warrants

Each warrant will entitle the holder of the warrant to purchase at the exercise price set forth in the applicable prospectus supplement the common shares, preferred shares, depositary shares or the principal amount of debt

securities being offered. Holders may exercise warrants at any time up to the close of business on the expiration date set forth in the applicable prospectus supplement. After the close of business on the expiration date,

Table of Contents

unexercised warrants are void. Holders may exercise warrants as set forth in the prospectus supplement relating to the warrants being offered.

Until a holder exercises the warrants to purchase our common shares, preferred shares, depositary shares or debt securities, the holder will not have any rights as a holder of our common shares, preferred shares, depositary shares or debt securities, as the case may be, by virtue of ownership of warrants.

Table of Contents

DESCRIPTION OF SUBSCRIPTION RIGHTS

We may issue to our shareholders subscription rights to purchase our common shares, preferred shares, depositary shares or debt securities. The following description sets forth certain general terms and provisions of the subscription rights that we may offer pursuant to this prospectus. The particular terms of the subscription rights and the extent, if any, to which the general terms and provisions may apply to the subscription rights so offered will be described in the applicable prospectus supplement.

Subscription rights may be issued independently or together with any other security offered by this prospectus and may or may not be transferable by the shareholder receiving the rights in the rights offering. In connection with any rights offering, we may enter into a standby underwriting agreement with one or more underwriters pursuant to which the underwriter will purchase any securities that remain unsubscribed for upon completion of the rights offering, or offer these securities to other parties who are not our shareholders. A copy of the form of subscription rights certificate will be filed with the SEC each time we issue subscription rights, and you should read that document for provisions that may be important to you. For more information on how you can obtain a copy of any subscription rights certificate, see [Where You Can Find More Information](#).

The applicable prospectus supplement relating to any subscription rights will describe the terms of the offered subscription rights, including, where applicable, the following:

the exercise price for the subscription rights;

the number of subscription rights issued to each shareholder;

the extent to which the subscription rights are transferable;

any other terms of the subscription rights, including terms, procedures and limitations relating to the exchange and exercise of the subscription rights;

the date on which the right to exercise the subscription rights will commence and the date on which the right will expire;

the extent to which the subscription rights include an over-subscription privilege with respect to unsubscribed securities; and

the material terms of any standby underwriting arrangement entered into by us in connection with the subscription rights offering.

Table of Contents

DESCRIPTION OF DEBT SECURITIES

The following description sets forth certain general terms and provisions of the debt securities that we may issue, which may be issued as convertible or exchangeable debt securities. We will set forth the particular terms of the debt securities we offer in a prospectus supplement and the extent, if any, to which the following general terms and provisions will apply to particular debt securities.

The debt securities will be issued under an indenture to be entered into between us and Wells Fargo Bank, N.A., as trustee. The indenture, and any supplemental indentures thereto, will be subject to, and governed by, the Trust Indenture Act of 1939, as amended. The following description of general terms and provisions relating to the debt securities and the indenture under which the debt securities will be issued is a summary only and therefore is not complete and is subject to, and qualified in its entirety by reference to, the terms and provisions of the indenture. The form of the indenture has been filed with the SEC as an exhibit to the registration statement, of which this prospectus forms a part, and you should read the indenture for provisions that may be important to you. For more information on how you can obtain a copy of the form of the indenture, see [Where You Can Find More Information](#).

Capitalized terms used in this section and not defined herein have the meanings specified in the indenture. When we refer to PolyOne, we, our and us in this section, we mean PolyOne Corporation excluding, unless the context otherwise requires or as otherwise expressly stated, its subsidiaries.

Unless otherwise specified in a prospectus supplement, the debt securities will be our direct, unsecured obligations and will rank equally with all of our other unsecured indebtedness.

General

The terms of each series of debt securities will be established by or pursuant to a resolution of our Board of Directors and set forth or determined in the manner provided in a resolution of our Board of Directors, supplemental indenture or officers' certificate. The particular terms of each series of debt securities will be described in a prospectus supplement relating to such series (including any pricing supplement or term sheet).

We can issue an unlimited amount of debt securities under the indenture that may be in one or more series. Debt securities may differ between series in respect to any matter, but all series of debt securities will be equally and ratably entitled to the benefits of the indenture. We will set forth in a prospectus supplement (including any pricing supplement or term sheet) relating to any series of debt securities being offered, the aggregate principal amount and the following terms of the debt securities, if applicable:

the title of the series of debt securities;

the price or prices (expressed as a percentage of the principal amount) at which the series of debt securities will be issued;

any limit on the aggregate principal amount of the series of debt securities;

the date or dates on which the principal on the series of debt securities is payable;

the rate or rates (which may be fixed or variable) per annum, if applicable, or the method used to determine such rate or rates (including any commodity, commodity index, stock exchange index or financial index) at which the series of debt securities will bear interest, if any, the date or dates from which such interest, if any, will accrue, the date or dates on which such interest, if any, will commence and be payable and any regular record date for the interest payable on any interest payment date;

the place or places where the principal of, premium and interest, if any, on the series of debt securities will be payable;

if applicable, the period within which, the price at which and the terms and conditions upon which the series of debt securities may be redeemed;

Table of Contents

- any obligation we may have to redeem or purchase the series of debt securities pursuant to any sinking fund or analogous provisions or at the option of a holder of the series of debt securities;
- the dates, if any, on which and the price or prices at which we will repurchase the series of debt securities at the option of the holders of that series of debt securities and other detailed terms and provisions of such repurchase obligations;
- the denominations in which the series of debt securities will be issued, if other than denominations of \$1,000 and any integral multiple thereof;
- the form of the series of debt securities and whether the series of debt securities will be issuable as global debt securities;
- the portion of principal amount of the series of debt securities payable upon declaration of acceleration of the maturity date, if other than the principal amount;
- the currency of denomination of the series of debt securities and, if other than U.S. Dollars or the ECU, the agency responsible for overseeing such currency;
- the designation of the currency, currencies or currency units in which payment of principal of, premium and interest, if any, on the series of debt securities will be made;
- if payments of principal of, premium or interest, if any, on the series of debt securities will be made in one or more currencies or currency units other than that or those in which the series of debt securities are denominated, the manner in which the exchange rate with respect to such payments will be determined;
- the manner in which the amounts of payment of principal of, premium or interest on the series of debt securities will be determined, if such amounts may be determined by reference to an index based on a currency or currencies or by reference to a commodity, commodity index, stock exchange index or financial index;
- any provisions relating to any security provided for the series of debt securities;
- any addition to or change in the Events of Default described in this prospectus or in the indenture which applies to the series of debt securities and any change in the right of the trustee or the holders of the series of debt securities to declare the principal amount thereof due and payable;
- any addition to or change in the covenants described in this prospectus or in the indenture with respect to the series of debt securities;
- any other terms of the series of debt securities (which may supplement, modify or delete any provision of the indenture as it applies to such series);
- any depositaries, interest rate calculation agents, exchange rate calculation agents or other agents with respect to the series of debt securities, if other than appointed in the indenture;
- any provisions relating to conversion of the series of debt securities; and

whether the series of debt securities will be senior or subordinated debt securities and a description of the subordination thereof.

In addition, the indenture does not limit our ability to issue convertible or subordinated debt securities. Any conversion or subordination provisions of a particular series of debt securities will be set forth in the resolution

Table of Contents

of our Board of Directors, the officers' certificate or supplemental indenture related to that series of debt securities and will be described in the relevant prospectus supplement. Such terms may include provisions for conversion, either mandatory, at the option of the holder or at our option, in which case the number of common shares or other securities to be received by the holders of debt securities would be calculated as of a time and in the manner stated in the prospectus supplement.

We may issue debt securities that provide for an amount less than their stated principal amount to be due and payable upon declaration of acceleration of their maturity pursuant to the terms of the indenture. We will provide you with information on the federal income tax considerations and other special considerations applicable to any of these debt securities in the applicable prospectus supplement.

If we denominate the purchase price of any of the debt securities in a foreign currency or currencies or a foreign currency unit or units, or if the principal of and any premium and interest on any series of debt securities is payable in a foreign currency or currencies or a foreign currency unit or units, we will provide you with information on the restrictions, elections, general tax considerations, specific terms and other information with respect to that issue of debt securities and such foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

Transfer and Exchange

Each debt security will be represented by either one or more global securities registered in the name of The Depository Trust Company, as Depository (the "Depository"), or a nominee (we will refer to any debt security represented by a global debt security as a "book-entry debt security"), or a certificate issued in definitive registered form (we will refer to any debt security represented by a certificated security as a "certificated debt security") as set forth in the applicable prospectus supplement. Except as set forth under the heading "Global Debt Securities and Book-Entry System" below, book-entry debt securities will not be issuable in certificated form.

Certificated Debt Securities. You may transfer or exchange certificated debt securities at any office we maintain for this purpose in accordance with the terms of the indenture. No service charge will be made for any transfer or exchange of certificated debt securities, but we may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection with a transfer or exchange.

You may effect the transfer of certificated debt securities and the right to receive the principal of, premium and interest on certificated debt securities only by surrendering the certificate representing those certificated debt securities and either reissuance by us or the trustee of the certificate to the new holder or the issuance by us or the trustee of a new certificate to the new holder.

Global Debt Securities and Book-Entry System. Each global debt security representing book-entry debt securities will be issued to the Depository or a nominee of the Depository and registered in the name of the Depository or a nominee of the Depository.

The Depository has indicated it intends to follow the following procedures with respect to book-entry debt securities.

Ownership of beneficial interests in book-entry debt securities will be limited to persons that have accounts with the Depository for the related global debt security ("participants") or persons that may hold interests through participants. Upon the issuance of a global debt security, the Depository will credit, on its book-entry registration and transfer system, the participants' accounts with the respective principal amounts of the book-entry debt securities represented by such global debt security beneficially owned by such participants. The accounts to be credited will be designated by any dealers, underwriters or agents participating in the distribution of the book-entry debt securities. Ownership of book-entry debt securities will be shown on, and the transfer of such ownership interests will be effected only through, records maintained by the Depository for the related global debt security (with respect to interests of participants) and on the records of participants (with respect to interests of persons holding through participants). The laws of some states may require that certain purchasers of securities take

Table of Contents

physical delivery of such securities in definitive form. These laws may impair the ability to own, transfer or pledge beneficial interests in book-entry debt securities.

So long as the Depository for a global debt security, or its nominee, is the registered owner of that global debt security, the Depository or its nominee, as the case may be, will be considered the sole owner or holder of the book-entry debt securities represented by such global debt security for all purposes under the indenture. Except as described below, beneficial owners of book-entry debt securities will not be entitled to have securities registered in their names, will not receive or be entitled to receive physical delivery of a certificate in definitive form representing securities and will not be considered the owners or holders of those securities under the indenture. Accordingly, each person beneficially owning book-entry debt securities must rely on the procedures of the Depository for the related global debt security and, if such person is not a participant, on the procedures of the participant through which such person owns its interest, to exercise any rights of a holder under the indenture.

We understand, however, that under existing industry practice, the Depository will authorize the persons on whose behalf it holds a global debt security to exercise certain rights of holders of debt securities, and the indenture provides that we, the trustee and our respective agents will treat as the holder of a debt security the persons specified in a written statement of the Depository with respect to such global debt security for purposes of obtaining any consents, declarations, waivers or directions required to be given by holders of the debt securities pursuant to the indenture.

We will make payments of principal of, and premium and interest, if any, on book-entry debt securities to the Depository or its nominee, as the case may be, as the registered holder of the related global debt security. PolyOne Corporation, the trustee and any other agent of ours or agent of the trustee will not have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a global debt security or for maintaining, supervising or reviewing any records relating to beneficial ownership interests.

We expect that the Depository, upon receipt of any payment of principal of, premium or interest, if any, on a global debt security, will immediately credit participants' accounts with payments in amounts proportionate to the respective amounts of book-entry debt securities held by each participant as shown on the records of such Depository. We also expect that payments by participants to owners of beneficial interests in book-entry debt securities held through those participants will be governed by standing customer instructions and customary practices, as is now the case with the securities held for the accounts of customers in bearer form or registered in street name, and will be the responsibility of those participants.

We will issue certificated debt securities in exchange for each global debt security only if (i) the Depository notifies us that it is unwilling or unable to continue as Depository for such global debt security or if at any time such Depository ceases to be a clearing agency registered under the Exchange Act, and, in either case, we fail to appoint a successor Depository registered as a clearing agency under the Exchange Act within 90 days of such event or (ii) we execute and deliver to the trustee an officers' certificate to the effect that such global debt security shall be so exchangeable. Any certificated debt securities issued in exchange for a global debt security will be registered in such name or names as the Depository shall instruct the trustee. We expect that such instructions will be based upon directions received by the Depository from participants with respect to ownership of book-entry debt securities relating to such global debt security.

We have obtained the foregoing information concerning the Depository and the Depository's book-entry system from sources we believe to be reliable, but we take no responsibility for the accuracy of this information.

No Protection In the Event of a Change of Control

Unless we state otherwise in the applicable prospectus supplement, the debt securities will not contain any provisions which may afford holders of the debt securities protection in the event we have a change in control or in the event of a highly leveraged transaction (whether or not such transaction results in a change in control) that could adversely affect holders of debt securities.

Table of Contents

Covenants

We will set forth in the applicable prospectus supplement any restrictive covenants applicable to any issue of debt securities.

Consolidation, Merger and Sale of Assets

We may not consolidate with or merge with or into, or convey, transfer or lease all or substantially all of our properties and assets to, any person (a successor person) unless:

we are the surviving corporation or the successor person (if other than PolyOne) is a corporation organized and validly existing under the laws of any U.S. domestic jurisdiction and expressly assumes our obligations on the debt securities and under the indenture;

immediately after giving effect to the transaction, no Event of Default, and no event which, after notice or lapse of time, or both, would become an Event of Default, shall have occurred and be continuing under the indenture; and

certain other conditions are met.

Notwithstanding the above, any subsidiary of PolyOne may consolidate with, merge into or transfer all or part of its properties to PolyOne.

Events of Default

Event of Default means with respect to any series of debt securities, any of the following events, unless in the board resolution, supplemental indenture or officers' certificate, it is provided that such series of debt securities shall not have the benefit of a particular Event of Default:

default in the payment of any interest upon any debt security of that series when it becomes due and payable, and continuance of that default for a period of 30 days (unless the entire amount of the payment is deposited by us with the trustee or with a paying agent prior to the expiration of such period of 30 days);

default in the payment of principal of or premium on any debt security of that series at maturity or which such principal otherwise becomes due and payable;

default in the performance or breach of any other covenant or warranty by us in the indenture (other than a covenant or warranty that has been included in the indenture solely for the benefit of a series of debt securities other than that series), which default continues uncured for a period of 60 days after written notice thereof has been given, by registered or certified mail, to us by the trustee or to us and the trustee by the holders of at least 25% in principal amount of the outstanding debt securities of that series, as provided in the indenture;

certain events of bankruptcy, insolvency or reorganization of PolyOne; and

any other Event of Default provided with respect to debt securities of that series that is described in the applicable board resolution, supplemental indenture or officers' certificate establishing such series of debt securities.

No Event of Default with respect to a particular series of debt securities (except as to certain events of bankruptcy, insolvency or reorganization) necessarily constitutes an Event of Default with respect to any other series of debt securities. The occurrence of certain Events of Default or an acceleration under the indenture may constitute an event of default under certain of our other indebtedness outstanding from time to time.

Table of Contents

If an Event of Default with respect to debt securities of any series at the time outstanding occurs and is continuing, then the trustee or the holders of not less than 25% in principal amount of the outstanding debt securities of that series may, by a notice in writing to us (and to the trustee if given by the holders), declare to be due and payable immediately the principal (or, if the debt securities of that series are discount securities, that portion of the principal amount as may be specified in the terms of that series) of and accrued and unpaid interest, if any, on all debt securities of that series. In the case of an Event of Default resulting from certain events of bankruptcy, insolvency or reorganization, the principal (or such specified amount) of and accrued and unpaid interest, if any, on all outstanding debt securities will become and be immediately due and payable without any declaration or other act on the part of the trustee or any holder of outstanding debt securities. At any time after a declaration of acceleration with respect to debt securities of any series has been made, and before a judgment or decree for payment of the money due has been obtained by the trustee, the holders of a majority in principal amount of the outstanding debt securities of that series may rescind and annul the acceleration if all Events of Default, other than the non-payment of accelerated principal and interest, if any, with respect to debt securities of that series, have been cured or waived as provided in the indenture. We will describe in the prospectus supplement relating to any series of debt securities that are discount securities the particular provisions relating to acceleration of a portion of the principal amount of such discount securities upon the occurrence of an Event of Default.

The indenture provides that the trustee will be under no obligation to exercise any of its rights or powers under the indenture unless the trustee receives indemnity satisfactory to it against any loss, liability or expense. Subject to certain rights of the trustee, the holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee, with respect to the debt securities of that series.

No holder of any debt security of any series will have any right to institute any proceeding, judicial or otherwise, with respect to the indenture or for the appointment of a receiver or trustee, or for any remedy under the indenture, unless:

that holder has previously given to the trustee written notice of a continuing Event of Default with respect to debt securities of that series; and

the holders of not less than 25% in principal amount of the outstanding debt securities of that series have made written request, and offered reasonable indemnity, to the trustee to institute the proceeding as trustee, and the trustee has not received from the holders of a majority in principal amount of the outstanding debt securities of that series a direction inconsistent with that request and has failed to institute the proceeding within 60 days.

Notwithstanding any other provision of the indenture, the holder of any debt security will have an absolute and unconditional right to receive payment of the principal of, premium and interest, if any, on that debt security on or after the due dates expressed in that debt security and to institute suit for the enforcement of payment.

The indenture requires us, within 120 days after the end of our fiscal year, to furnish to the trustee an officers certificate as to compliance with the indenture. The indenture provides that the trustee may withhold notice to the holders of debt securities of any series of any event which, after notice or lapse of time, or both, would become an Event of Default or any Event of Default (except in payment of principal of, premium or interest on any debt securities of that series) with respect to debt securities of that series if it in good faith determines that withholding notice is in the interest of the holders of those debt securities.

Modification and Waiver

We may modify and amend the indenture with the consent of the holders of at least a majority in principal amount of the outstanding debt securities of each series affected by the modifications or amendments. We may not make any modification or amendment without the consent of the holders of each affected debt security then outstanding if that amendment will:

Table of Contents

reduce the principal amount of debt securities whose holders must consent to an amendment, supplement or waiver;

reduce the rate of or extend the time for payment of interest (including default interest) on any debt security;

reduce the principal of or premium on or change the stated maturity date of any debt security or reduce the amount of, or postpone the date fixed for, the payment of any sinking fund or analogous obligation with respect to any series of debt securities;

reduce the principal amount of discount securities payable upon acceleration of maturity;

waive a default in the payment of the principal of, premium or interest, if any, on any debt security (except a rescission of acceleration of the debt securities of any series by the holders of at least a majority in aggregate principal amount of the then outstanding debt securities of that series and a waiver of the payment default that resulted from such acceleration);

make the principal of or premium or interest on any debt security payable in currency other than that stated in the debt security;

make any change to certain provisions of the indenture relating to, among other things, the right of holders of debt securities to receive payment of the principal of, premium and interest on those debt securities and to institute suit for the enforcement of any such payment and to waivers or amendments; or

waive a redemption payment, made at the option of PolyOne Corporation, with respect to any debt security.

Except for certain specified provisions, the holders of at least a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all debt securities of that series waive our compliance with provisions of the indenture. The holders of a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all the debt securities of such series waive any past default under the indenture with respect to that series and its consequences, except a default in the payment of the principal of, premium or interest, if any, on any debt security of that series; provided, however, that the holders of a majority in principal amount of the outstanding debt securities of any series may rescind an acceleration and its consequences, including any related payment default that resulted from such acceleration.

Defeasance of Debt Securities and Certain Covenants in Certain Circumstances

Legal Defeasance. The indenture provides that, unless otherwise provided by the terms of the applicable series of debt securities, we may be discharged from any and all obligations in respect of the debt securities of any series (except for certain obligations to register the transfer or exchange of debt securities of such series, to replace stolen, lost or mutilated debt securities of such series, and to maintain paying agencies and certain provisions relating to the treatment of funds held by paying agents). We will be so discharged upon the deposit with the trustee, in trust, of money and/or U.S. Government Obligations or, in the case of debt securities denominated in a single currency other than U.S. dollars, Foreign Government Obligations, that, through the payment of interest and principal in accordance with their terms, will provide money in an amount sufficient in the opinion of a nationally recognized firm of independent public accountants to pay and discharge each installment of principal, premium and interest on and any mandatory sinking fund payments in respect of the debt securities of that series on the stated maturity of those payments in accordance with the terms of the indenture and those debt securities.

This discharge may occur only if, among other things, we have delivered to the trustee an officers' certificate and an opinion of counsel stating that we have received from, or there has been published by, the U.S. Internal Revenue Service a ruling or, since the date of execution of the indenture, there has been a change in the applicable U.S. federal income tax law, in either case to the effect that, and based thereon such opinion shall confirm

Table of Contents

that, the holders of the debt securities of that series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the deposit, defeasance and discharge and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would have been the case if the deposit, defeasance and discharge had not occurred.

Defeasance of Certain Covenants. The indenture provides that, unless otherwise provided by the terms of the applicable series of debt securities, upon compliance with certain conditions:

we may omit to comply with the covenant described under the heading Consolidation, Merger and Sale of Assets and certain other covenants set forth in the indenture, as well as any additional covenants which may be described in the applicable prospectus supplement; and

any omission to comply with those covenants will not constitute an event which, after notice or lapse of time, or both, would become an Event of Default or an Event of Default with respect to the debt securities of that series (covenant defeasance).

The conditions include:

depositing with the trustee money and/or U.S. Government Obligations or, in the case of debt securities denominated in a single currency other than U.S. dollars, Foreign Government Obligations, that, through the payment of interest and principal in accordance with their terms, will provide money in an amount sufficient in the opinion of a nationally recognized firm of independent public accountants to pay and discharge each installment of principal of, premium and interest on and any mandatory sinking fund payments in respect of the debt securities of that series on the stated maturity of those payments in accordance with the terms of the indenture and those debt securities; and

delivering to the trustee an opinion of counsel to the effect that the holders of the debt securities of that series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the deposit and related covenant defeasance and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would have been the case if the deposit and related covenant defeasance had not occurred.

Covenant Defeasance and Events of Default. In the event we exercise our option to effect covenant defeasance with respect to any series of debt securities and the debt securities of that series are declared due and payable because of the occurrence of any Event of Default, the amount of money and/or U.S. Government Obligations or Foreign Government Obligations on deposit with the trustee will be sufficient to pay amounts due on the debt securities of that series at the time of their stated maturity but may not be sufficient to pay amounts due on the debt securities of that series at the time of the acceleration resulting from the Event of Default. However, we shall remain liable for those payments.

Certain Defined Terms

Foreign Government Obligations means, with respect to debt securities of any series that are denominated in a currency other than U.S. dollars:

direct obligations of the government that issued or caused to be issued such currency for the payment of which obligations its full faith and credit is pledged which are not callable or redeemable at the option of the issuer thereof; or

obligations of a person controlled or supervised by or acting as an agency or instrumentality of that government the timely payment of which is unconditionally guaranteed as a full faith and credit obligation by that government,

which, in either case are not callable or redeemable at the option of the issuer thereof.

Table of Contents

U.S. Government Obligations means debt securities that are:
direct obligations of The United States of America for the payment of which its full faith and credit is pledged; or

obligations of a person controlled or supervised by and acting as an agency or instrumentality of The United States of America the payment of which is unconditionally guaranteed as full faith and credit obligation by The United States of America,

which, in either case, are not callable or redeemable at the option of the issuer itself and shall also include a depository receipt issued by a bank or trust company as custodian with respect to any such U.S. Government Obligation or a specific payment of interest on or principal of any such U.S. Government Obligation held by such custodian for the account of the holder of a depository receipt. Except as required by law, such custodian is not authorized to make any deduction from the amount payable to the holder of such depository receipt from any amount received by the custodian in respect of the U.S. Government Obligation evidenced by such depository receipt.

Governing Law

The indenture and the debt securities will be governed by, and construed in accordance with, the internal laws of the State of New York.

Table of Contents

DESCRIPTION OF UNITS

We may issue units comprising one or more securities described in this prospectus in any combination. The following description sets forth certain general terms and provisions of the units that we may offer pursuant to this prospectus. The particular terms of the units and the extent, if any, to which the general terms and provisions may apply to the units so offered will be described in the applicable prospectus supplement.

Each unit will be issued so that the holder of the unit also is the holder of each security included in the unit. Thus, the unit will have the rights and obligations of a holder of each included security. Units will be issued pursuant to the terms of a unit agreement, which may provide that the securities included in the unit may not be held or transferred separately at any time or at any time before a specified date. A copy of the forms of the unit agreement and the unit certificate relating to any particular issue of units will be filed with the SEC each time we issue units, and you should read those documents for provisions that may be important to you. For more information on how you can obtain copies of the forms of the unit agreement and the related unit certificate, see [Where You Can Find More Information](#).

The prospectus supplement relating to any particular issuance of units will describe the terms of those units, including, to the extent applicable, the following:

- the designation and terms of the units and the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;

- any provision for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units; and

- whether the units will be issued in fully registered or global form.

Table of Contents

PLAN OF DISTRIBUTION

We may sell the offered securities in and outside the United States:
through underwriters or dealers;

directly to purchasers;

in a rights offering;

in at the market offerings, within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market on an exchange or otherwise;

through agents; or

through a combination of any of these methods.

The prospectus supplement will include the following information:
the terms of the offering;

the names of any underwriters or agents;

the name or names of any managing underwriter or underwriters;

the purchase price or initial public offering price of the securities;

the net proceeds from the sale of the securities;

any delayed delivery arrangements;

any underwriting discounts, commissions and other items constituting underwriters' compensation;

any discounts or concessions allowed or reallocated or paid to dealers; and

any commissions paid to agents.

Sale through Underwriters or Dealers

If underwriters are used in the sale, the underwriters will acquire the securities for their own account. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless we inform you otherwise in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers.

If we offer securities in a subscription rights offering to our existing security holders, we may enter into a standby underwriting agreement with dealers, acting as standby underwriters. We may pay the standby underwriters a commitment fee for the securities they commit to purchase on a standby basis. If we do not enter into a standby underwriting agreement, we may retain a dealer-manager to manage a subscription rights offering for us.

During and after an offering through underwriters, the underwriters may purchase and sell the securities in the open market. These transactions may include overallotment and stabilizing transactions and purchases to cover syndicate short positions created in connection with the offering. The underwriters may also impose a penalty bid,

Table of Contents

which means that selling concessions allowed to syndicate members or other broker-dealers for the offered securities sold for their account may be reclaimed by the syndicate if the offered securities are repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the offered securities, which may be higher than the price that might otherwise prevail in the open market. If commenced, the underwriters may discontinue these activities at any time.

Some or all of the securities that we offer through this prospectus may be new issues of securities with no established trading market. Any underwriters to whom we sell our securities for public offering and sale may make a market in those securities, but they will not be obligated to do so and they may discontinue any market making at any time without notice. Accordingly, we cannot assure you of the liquidity of, or continued trading markets for, any securities that we offer.

If dealers are used in the sale of securities, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. We will include in the prospectus supplement the names of the dealers and the terms of the transaction.

Direct Sales and Sales through Agents

We may sell the securities directly. In this case, no underwriters or agents would be involved. We may also sell the securities through agents designated from time to time. In the prospectus supplement, we will name any agent involved in the offer or sale of the offered securities, and we will describe any commissions payable to the agent. Unless we inform you otherwise in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. We will describe the terms of any sales of these securities in the prospectus supplement.

Remarketing Arrangements

Offered securities may also be offered and sold, if so indicated in the applicable prospectus supplement, in connection with a remarketing upon their purchase, in accordance with a redemption or repayment pursuant to their terms, or otherwise, by one or more remarketing firms, acting as principals for their own accounts or as agents for us. Any remarketing firm will be identified and the terms of its agreements, if any, with us and its compensation will be described in the applicable prospectus supplement.

Delayed Delivery Contracts

If we so indicate in the prospectus supplement, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities from us at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The prospectus supplement will describe the commission payable for solicitation of those contracts.

General Information

We may have agreements with the agents, dealers, underwriters and remarketing firms to indemnify them against certain civil liabilities, including liabilities under the Securities Act, or to contribute with respect to payments that the agents, dealers, underwriters or remarketing firms may be required to make. Agents, dealers, underwriters and remarketing firms may be customers of, engage in transactions with or perform services for us in the ordinary course of their businesses.

Table of Contents

LEGAL MATTERS

Jones Day will pass upon the validity of the securities being offered hereby.

EXPERTS

The consolidated financial statements of PolyOne Corporation appearing in PolyOne's Annual Report on Form 10-K for the year ended December 31, 2008, and the effectiveness of PolyOne Corporation's internal control over financial reporting as of December 31, 2008 have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their reports thereon, included therein, and incorporated herein by reference. Such consolidated financial statements are incorporated herein by reference in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

The consolidated financial statements of Oxy Vinyls, LP as of June 30, 2007 and for the six months ended June 30, 2007 and the year ended December 31, 2006 have been incorporated by reference herein in reliance upon the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein and upon the authority of said firm as experts in accounting and auditing.

The financial statements of SunBelt Chlor Alkali Partnership appearing in PolyOne Corporation's Annual Report on Form 10-K for the year ended December 31, 2008 have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their reports thereon, included therein, and herein incorporated by reference. Such financial statements are incorporated herein by reference in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

Table of Contents

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following are the estimated expenses of the issuance and distribution of the securities being registered, all of which are payable by us. All of the items below, except for the registration fee, are estimates.

Securities and Exchange Commission registration fee	\$25,110
Trustee s fees and expenses	*
Transfer agent and registrar fees	*
Printing expenses	*
Accountant s fees and expenses	*
Legal fees and expenses	*
Miscellaneous	*
Total	\$ *

* Estimated expenses are presently not known and cannot be estimated.

Item 15. Indemnification of Directors and Officers.

Under Section 1701.13 of the Ohio Revised Code, Ohio corporations are permitted to indemnify directors, officers, employees and agents within prescribed limits and must indemnify them under certain circumstances. The Ohio Revised Code does not authorize the payment by a corporation of judgments against a director, officer, employee or agent after a finding of negligence or misconduct in a derivative suit absent a court order determining that such person succeeds on the merits. In all other cases, if it is determined that a director, officer, employee or agent acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interest of the corporation, indemnification is discretionary except as otherwise provided by a corporation s articles of incorporation, code of regulations or contract, and except with respect to the advancement of expenses of directors.

With respect to the advancement of expenses, the Ohio Revised Code provides that a director (but not an officer, employee or agent) is entitled to mandatory advancement of expenses, including attorney s fees, incurred in defending any action, including derivative actions, brought against the director, provided that the director agrees to cooperate with the corporation concerning the matter and to repay the amount advanced if it is proven by clear and convincing evidence that his or her act or failure to act was done with deliberate intent to cause injury to the corporation or with reckless disregard for the corporation s best interests.

Article Sixth of our articles of incorporation provides for indemnification of directors and officers. The provision provides that a director will not be personally liable to us or our shareholders for monetary damages for breach of fiduciary duty as a director, except to the extent that an exemption from liability or limitation is not permitted under the Ohio Revised Code. Article Sixth provides that each director and officer will, to the fullest extent permitted by applicable law, be indemnified except as may be otherwise provided in our code of regulations.

Our code of regulations provides that we shall indemnify directors and officers and may indemnify other employees or agents in any action, suit or proceeding by others (other than an action by or in the right of PolyOne) for expenses (including attorney s fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to our best interests. Our code of regulations also provides that we shall indemnify directors and officers and may indemnify other employees and agents in any action or suit by or in the right of PolyOne for expenses (including attorney s fees) reasonably incurred by such person in connection with the defense or settlement of such action or suit if such person acted in good faith and in a manner such person

reasonably believed to be in or not opposed to our best interests. No indemnification will be made, however, where such person is adjudged liable for negligence or misconduct in the performance of such person's duties to us unless and only to the extent that the court in which an action is brought determines that such person is fairly and reasonably entitled to indemnity.

II-1

Table of Contents

In addition, our code of regulations permits us to purchase and maintain insurance on behalf of our officers, directors, employees and agents against liability asserted against them in their capacities as such. Our code of regulations also provides that no modification of any regulations pertaining to indemnification rights of directors and officers shall adversely affect or impair in any way the indemnification rights of any current or former director or officer with respect to any action, suit or proceeding relating to matters occurring prior to the adoption of such modification.

We have entered into indemnification agreements (Indemnification Agreements) with each of our directors and each of our executive officers, including the named executive officers (Indemnitees).

In general, the Indemnification Agreements provide that, subject to the procedures, limitations and exceptions set forth therein, (i) we will indemnify the Indemnitee for all expenses, judgments, fines and amounts paid in settlement actually incurred by the Indemnitee in connection with any threatened, pending or completed action, suit, proceeding or claim, by reason of the fact that the Indemnitee is or was a director and/or officer or is or was serving at our request at another entity, or by reason of any action alleged to have been taken or omitted in any such capacity, including any appeal of or from any judgment or decision; (ii) we will indemnify the Indemnitee against any amount that the Indemnitee is or becomes obligated to pay relating to or arising out of any claim made against the Indemnitee because of any act, failure to act or neglect or breach of duty, including any actual or alleged error, misstatement or misleading statement, that the Indemnitee commits, suffers, permits or acquiesces in while acting in his capacity as a director and/or officer or at our request at another entity; (iii) we will advance expenses as they are actually and reasonably incurred in connection with defending a claim in advance of the final disposition of a claim; and (iv) we will maintain an insurance policy or policies providing directors and officers liability insurance that covers the Indemnitee.

Item 16. Exhibits.

The following documents are exhibits to the registration statement:

Exhibit Number	Description
1.1*	Form of Underwriting Agreement.
1.2*	Form of Agency Agreement.
4.1	Articles of Incorporation (incorporated by reference to Exhibit 3(i) to our Annual Report on Form 10-K for the fiscal year ended December 31, 2000 (File No. 1-16091)).
4.2	Amendment to Second Article of the Articles of Incorporation, as filed with the Ohio Secretary of State, November 5, 2003 (incorporated by reference to Exhibit 3.Ia to our Annual Report on Form 10-K for the fiscal year ended December 31, 2003 (File No. 1-16091)).
4.3	Regulations (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed July 17, 2009 (File No. 1-16091)).
4.4	Form of Debt Securities Indenture.
4.5*	Form of Debt Securities.
4.6*	Preferred Shares Certificate of Designations.
4.7*	Form of Warrant Agreement.
4.8*	Form of Warrant Certificate.

Table of Contents

Exhibit Number	Description
4.9*	Form of Depositary Agreement.
4.10*	Form of Depositary Receipt.
4.11*	Form of Subscription Rights Certificate.
4.12*	Form of Unit Agreement.
4.13*	Form of Unit Certificate.
5.1	Opinion of Jones Day.
12.1	Calculation of Ratios of Earnings to Fixed Charges.
23.1	Consent of Independent Registered Public Accounting Firm Ernst & Young LLP.
23.2	Consent of Independent Registered Public Accounting Firm KPMG LLP.
23.3	Consent of Independent Registered Public Accounting Firm Ernst & Young LLP.
23.4	Consent of Jones Day (included in Exhibit 5.1 to this Registration Statement).
24.1	Power of Attorney.
25.1	Form T-1 Statement of Eligibility under Trust Indenture Act of 1939 of Trustee under Debt Securities Indenture.

* To be filed either by amendment or as an exhibit to a report filed under the Securities Exchange Act of 1934, and incorporated herein by reference.

Item 17. Undertakings.

The undersigned registrant hereby undertakes:

1. To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

- (i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the

aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the Calculation of Registration Fee table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement; *provided, however*, that the undertakings set forth in paragraphs (1)(i), (1)(ii) and (1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the

II-3

Table of Contents

Securities Exchange Act of 1934 that are incorporated by reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of this registration statement.

2. That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

3. To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

4. That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be a part of and included in the registration statement as of the earlier date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is a part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

5. That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in this

Table of Contents

registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

The undersigned registrant hereby undertakes to supplement the prospectus, after the expiration of the subscription period, to set forth the results of the subscription offer, the transactions by the underwriters during the subscription period, the amount of unsubscribed securities to be purchased by the underwriters, and the terms of any subsequent reoffering thereof. If any public offering by the underwriters is to be made on terms differing from those set forth on the cover page of the prospectus, a post-effective amendment will be filed to set forth the terms of such offering.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

II-5

Table of Contents

SIGNATURES

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-3 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 November 4, 2009.

POLYONE CORPORATION

By: /s/ Robert M. Patterson
 Robert M. Patterson
 Senior Vice President and Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement on Form S-3 has been signed below by the following persons in the capacities indicated as of November 4, 2009:

Signatures	Title
/s/ Stephen D. Newlin Stephen D. Newlin	Chairman of the Board, President and Chief Executive Officer (Principal Executive Officer)
/s/ Robert M. Patterson Robert M. Patterson	Senior Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)
*	Director
J. Douglas Campbell *	Director
Carol A. Cartwright *	Director
Gale Duff-Bloom *	Director
Richard H. Fearon *	Director
Gordon D. Hartnett *	Director
Richard A. Lorraine	

Edgar Filing: POLYONE CORP - Form S-3

* Director

Edward J. Mooney

* Director

William H. Powell

* Director

Farah M. Walters

II-6

Table of Contents

* The undersigned
by signing her
name hereto
does sign and
execute this
registration
statement on
Form S-3
pursuant to the
Power of
Attorney
executed by the
above-named
directors and
officers of the
registrant,
which is being
filed herewith
on behalf of
such directors
and officers.

By: /s/ Lisa K. Kunkle

November 4, 2009

Lisa K. Kunkle, Attorney-in-Fact

II-7

Table of Contents

INDEX TO EXHIBITS

Exhibit Number	Description
1.1*	Form of Underwriting Agreement.
1.2*	Form of Agency Agreement.
4.1	Articles of Incorporation (incorporated by reference to Exhibit 3(i) to our Annual Report on Form 10-K for the fiscal year ended December 31, 2000 (File No. 1-16091)).
4.2	Amendment to Second Article of the Articles of Incorporation, as filed with the Ohio Secretary of State, November 5, 2003 (incorporated by reference to Exhibit 3.Ia to our Annual Report on Form 10-K for the fiscal year ended December 31, 2003 (File No. 1-16091)).
4.3	Regulations (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed July 17, 2009 (File No. 1-16091)).
4.4	Form of Debt Securities Indenture.
4.5*	Form of Debt Securities.
4.6*	Preferred Shares Certificate of Designations.
4.7*	Form of Warrant Agreement.
4.8*	Form of Warrant Certificate.
4.9*	Form of Depositary Agreement.
4.10*	Form of Depositary Receipt.
4.11*	Form of Subscription Rights Certificate.
4.12*	Form of Unit Agreement.
4.13*	Form of Unit Certificate.
5.1	Opinion of Jones Day.
12.1	Calculation of Ratios of Earnings to Fixed Charges.
23.1	Consent of Independent Registered Public Accounting Firm Ernst & Young LLP.
23.2	Consent of Independent Registered Public Accounting Firm KPMG LLP.
23.3	Consent of Independent Registered Public Accounting Firm Ernst & Young LLP.
23.4	Consent of Jones Day (included in Exhibit 5.1 to this Registration Statement).

- 24.1 Power of Attorney.
- 25.1 Form T-1 Statement of Eligibility under Trust Indenture Act of 1939 of Trustee under Debt Securities Indenture.
- * To be filed either by amendment or as an exhibit to a report filed under the Securities Exchange Act of 1934, and incorporated herein by reference.