
SCHEDULE 14A INFORMATION

PROXY STATEMENT PURSUANT TO SECTION 14(A) OF THE SECURITIES EXCHANGE ACT OF 1934 (AMENDMENT NO.)

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to Section 240.14a-12

AIR PRODUCTS AND CHEMICALS, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (Set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

— Before You Vote —
How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

NOTICE AND PROXY STATEMENT ANNUAL REPORT

How to View Online:

Have the information that is printed in the box marked by the arrow g [XXXX XXXX XXXX] (located on the following page) and visit: www.proxyvote.com.

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

- | | |
|------------------|--|
| 1) BY INTERNET: | www.proxyvote.com |
| 2) BY TELEPHONE: | 1-800-579-1639 |
| 3) BY E-MAIL*: | sendmaterial@proxyvote.com |

* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow g [XXXX XXXX XXXX] (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before January 10, 2013 to facilitate timely delivery.

— How To Vote —

Please Choose One of the Following Voting Methods

Vote In Person: Many shareholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the information that is printed in the box marked by the arrow g [XXXX XXXX XXXX] (located on the following page) available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

Voting Items

The Board of Directors recommends you vote FOR the following proposals:

1. ELECTION OF DIRECTORS: To elect each of the nominees listed below as director for a three-year term:

Nominees:

- 1a. William L. Davis III
 - 1b. W. Douglas Ford
 - 1c. Evert Henkes
 - 1d. Margaret G. McGlynn
2. APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTANTS. Ratification of appointment of KPMG LLP, as independent registered public accountants for fiscal year 2013.
 3. ADVISORY VOTE ON EXECUTIVE OFFICER COMPENSATION. To approve the compensation of Named Executive Officers.
 4. APPROVAL OF AMENDMENT TO THE LONG-TERM INCENTIVE PLAN. To approve the Long-Term Incentive Plan, including to increase the number of shares authorized for use under the Plan.

The Board of Directors recommends you vote AGAINST the following proposal:

5. SHAREHOLDER PROPOSAL TO REPEAL CLASSIFIED BOARD.

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

