

UNITED STATES

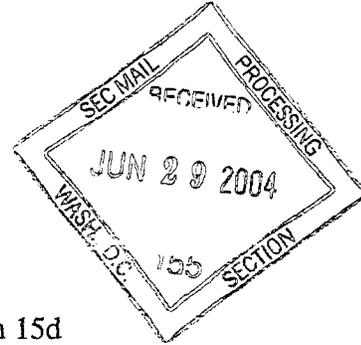


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SECURITIES AND EXCHANGE COMMISSION

Washington, D. C. 20549

FORM 11-K



Annual Report Pursuant to Section 15d
of the Securities Exchange Act of 1934

For the Fiscal Period ended December 31, 2003

Commission File Numbers 1-1520 and 1-15147

PROCESSED

JUN 30 2004

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FINANCIAL

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A. Full title of the plan:

OMNOVA SOLUTIONS RETIREMENT SAVINGS PLAN

(Plan)

B. Names of issuers of the securities held pursuant to the
plan and the addresses of their principal executive offices:

OMNOVA Solutions Inc.
175 Ghent Road
Fairlawn, OH 44333-3300

AUDITED FINANCIAL STATEMENTS
AND SUPPLEMENTAL SCHEDULES

OMNOVA Solutions Retirement Savings Plan

December 31, 2003 and 2002 and Year ended December 31, 2003
with Report of Independent Registered Public Accounting Firm

Report of Independent Registered Public Accounting Firm

To OMNOVA Solutions Inc. as Administrator and
Sponsor of the OMNOVA Solutions Retirement Savings Plan

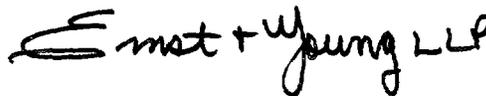
We have audited the accompanying statements of net assets available for benefits of the OMNOVA Solutions Retirement Savings Plan as of December 31, 2003 and 2002 and the related statement of changes in net assets available for benefits for the year ended December 31, 2003. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2003 and 2002 and the related changes in net assets available for benefits for the year ended December 31, 2003, in conformity with U.S. generally accepted accounting principles.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The accompanying supplemental schedules of assets (held at end of year) as of December 31, 2003 and reportable transactions for the year then ended are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedules are the responsibility of the Plan's management. The supplemental schedules have been subjected to the auditing procedures applied in our audits of the financial statements and, in our opinion, are fairly stated in all material respects in relation to the financial statements taken as a whole.

June 21, 2004



OMNOVA Solutions Retirement Savings Plan

Audited Financial Statements and Supplemental Schedules

December 31, 2003 and 2002 and
Year ended December 31, 2003

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OMNOVA Solutions Retirement Savings Plan

Statements of Net Assets Available for Benefits

	December 31,	
	2003	2002
Investments, at fair value	\$ 58,627,068	\$ 50,588,676
Pending (purchases) sales	(5,251)	11,646
Net assets available for benefits	<u>\$ 58,621,817</u>	<u>\$ 50,600,322</u>

The accompanying notes to financial statements are an integral part of these statements.

OMNOVA Solutions Retirement Savings Plan

Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2003

Additions

Investment income:

Net appreciation in fair value of investments	\$ 8,173,664
Interest and dividend income	<u>882,875</u>
Net investment income	9,056,539

Contributions:

Participants	4,285,979
Employer	326,631
Rollovers	<u>207,352</u>
Total contributions	<u>4,819,962</u>
Total	13,876,501

Deductions

Benefits paid directly to participants	5,794,152
Trustee and manager fees	<u>60,854</u>
Total	<u>5,855,006</u>
Net increase	8,021,495
Net assets available for benefits, beginning of year	<u>50,600,322</u>
Net assets available for benefits, end of year	<u><u>\$ 58,621,817</u></u>

The accompanying notes to financial statements are an integral part of these statements.

OMNOVA Solutions Retirement Savings Plan

Notes to Financial Statements

December 31, 2003 and 2002 and
Year ended December 31, 2003

A. Description of Plan

The following description of the OMNOVA Solutions Retirement Savings Plan (Plan) provides only general information. Participants should refer to the Summary Plan Description for a more complete description of the Plan's provisions. If there is any discrepancy between the provisions described herein or in the Summary Plan Description, the terms of the Plan as set forth in the Plan document shall be controlling. Copies of the Summary Plan Description for the Plan are available from the Plan administrator.

General

The Plan is a defined contribution plan available to eligible salaried and certain union hourly employees, as defined in the Plan agreement, of OMNOVA Solutions Inc. (OMNOVA). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions

Participants may elect to make before-tax and/or after-tax contributions to the Plan ranging from 1 percent to 50 percent of their annual compensation, subject to certain limitations. Until December 31, 2002, the Plan provided that OMNOVA would provide a matching contribution to salaried participants of 100% of the first 3% of compensation contributed by a participant and 50% of the next 3% of compensation. Effective January 1, 2003, the Plan was amended to provide that matching contributions for salaried participants would be made at OMNOVA's discretion. Upon execution of the amendment, matching contributions for salaried participants were suspended. Matching contributions for union hourly employees can range from 0% to 50% up to the first 6% of compensation contributed by a participant. Participants may also contribute amounts representing distributions from other qualified plans.

Upon enrollment, a participant may direct employee contributions in whole percentage increments to any of the Plan's fund options. In addition, participants may appoint an investment professional and establish a self-directed investment account for the purpose of investing his contributions in investment options outside of the funds offered by the Plan, subject to limitations provided in the Plan document. Participants may change their investment options each payroll period. Employer contributions are made to the OMNOVA Stock Fund.

OMNOVA Solutions Retirement Savings Plan

Notes to Financial Statements (continued)

A. Description of Plan (continued)

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) OMNOVA's contributions and, as the case may be, (b) Plan earnings (losses), and is charged with an allocation of certain administrative expenses (see "Plan Expenses" below). Allocations are based on participant earnings (losses) or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

Vesting

Participants are immediately vested in their contributions plus actual earnings thereon. A participant's interest in the matching contributions made for his or her benefit is at all times vested and not subject to forfeiture, except such forfeitures as may be required or permitted in order to meet the non-discrimination provisions of the Internal Revenue Code (Code) or other applicable provisions of law.

Participant Loans

Participants may borrow from their fund accounts up to 50 percent of their account balance but not more than \$50,000. OMNOVA matching contributions are not available for loans, but are included in computing the amount available for loans. Loan terms range from 1 - 5 years or up to 10 years for the purchase of a primary residence. The loans are secured by the balance in the participants' accounts and bear interest at a rate at least equivalent to the prevailing interest rate charged by persons in the business of lending money for loans which would be made under similar circumstances. Principal and interest is paid ratably through payroll deductions.

Payment of Benefits

Distribution of the account balance to a participant who terminates or elects a voluntary withdrawal is made in accordance with the terms of the Plan.

OMNOVA Solutions Retirement Savings Plan

Notes to Financial Statements (continued)

A. Description of Plan (continued)

Plan Expenses

A proportionate share of fees and expenses of the Trustee, investment managers, and other service providers (including OMNOVA, if applicable) is charged to each plan participants' account. All fees are deducted quarterly from participants' accounts. Expenses incurred in connection with the purchase or sale of securities are paid from trust assets. All other administrative costs of the Plan are paid by OMNOVA.

B. Summary of Accounting Policies

Investment Valuation and Income Recognition

Investments in common stock are valued at the quoted market price of the common stock on the last trading day of the Plan's fiscal year. Investments in marketable equity and debt securities are valued at market as determined on the last business day of the Plan's fiscal year based on quoted market prices. Common trust funds are valued based on the quoted redemption value of units owned by the Plan at year-end. Participant loans are valued at their outstanding balances, which approximate fair value.

Use of Estimates

The preparation of these financial statements in conformity with U.S. generally accepted accounting principles requires the Plan's investment managers and Trustee, who are fiduciaries of the Plan, to make estimates, assumptions and valuations that affect the amounts reported in the financial statements and accompanying footnotes. Actual results could differ from those estimates.

OMNOVA Solutions Retirement Savings Plan

Notes to Financial Statements (continued)

C. Nonparticipant-Directed Investments

The OMNOVA Solutions Inc. common stock fund contains participant account balances that are both participant-directed and nonparticipant-directed. Because the fund contains balances that are non-participant directed, the entire fund is considered nonparticipant-directed for disclosure purposes.

Information about the net assets and the significant components of the changes in net assets relating to the nonparticipant-directed investments are as follows:

	December 31,	
	2003	2002
Net assets:		
Armada Money Market Fund	\$ 113,593	\$ 140,564
OMNOVA Solutions Inc. common stock	10,436,175	9,486,354
Pending (purchases) sales	(5,251)	11,646
Total	\$10,544,517	\$ 9,638,564

	Year ended December 31, 2003
Changes in net assets:	
Company contributions	\$ 326,631
Participant contributions	376,802
Interest income	1,436
Net appreciation in fair value of common stock	1,625,574
Distributions to participants	(938,403)
Net transfers to participant-directed investments	(480,657)
Administrative expenses	(5,430)
Net increase	905,953
Net assets, beginning of year	9,638,564
Net assets, end of year	\$10,544,517

OMNOVA Solutions Retirement Savings Plan

Notes to Financial Statements (continued)

D. Investments

During the year ended December 31, 2003, the Plan's investments (including investments purchased, sold, as well as held during the year) appreciated in fair value as follows:

	<u>Net Realized and Unrealized Appreciation in Fair Value of Investments</u>
Self-directed brokerage account	\$ 28,918
Common stock	1,625,574
Shares of registered investment companies	<u>6,519,172</u>
	<u>\$ 8,173,664</u>

Investments that represent 5% or more of fair value of the Plan's net assets are as follows:

	December 31,	
	2003	2002
National City Capital Preservation Fund	\$ 13,097,512	\$ 13,081,819
OMNOVA Solutions Inc. Common stock *	10,436,175	9,486,354
S&P 500 Flagship Fund	16,570,479	14,131,363
MFS Total Return Fund	4,255,161	3,671,179
PIMCO Total Return Fund	3,800,828	3,785,572

* Investment is nonparticipant - directed

OMNOVA Solutions Retirement Savings Plan

Notes to Financial Statements (continued)

E. Plan Termination

OMNOVA has the right under the Plan to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants would continue to be 100 percent vested in their accounts.

F. Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service dated September 3, 2002, stating that the Plan is qualified under Section 401(a) of the Code and, therefore, the related trust is exempt from taxation. Subsequent to this determination by the Internal Revenue Service, the Plan was amended. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan, as amended, is qualified and the related trust is tax exempt.

G. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

H. Subsequent Event

On January 1, 2004, OMNOVA reinstated making employer matching contributions for salaried participants to the Plan. OMNOVA will provide a matching contribution to salaried participants of 50% of the first 6% of compensation contributed by a participant.

OMNOVA Solutions Retirement Savings Plan

EIN: 34-1897652 Plan Number: 013

Schedule H, Line 4i—Schedule of Assets (Held at End of Year)

December 31, 2003

Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost**	Current Value
DFA US 6-10 Small Company Portfolio	94,051 shares		\$ 1,582,887
National City Capital Preservation Fund*	13,097,512 units		13,097,512
OMNOVA Solutions Inc. Common Stock*	2,174,203 shares	\$13,649,401	10,436,175
Armada Money Market Fund*	113,593 shares	113,593	113,593
Growth Fund of America	23,321 shares		572,299
MFS Mid Cap Growth Fund	30,672 shares		239,552
MFS Total Return Fund	281,799 shares		4,255,161
PIMCO Renaissance	39,301 shares		912,177
PIMCO Total Return Fund	354,886 shares		3,800,828
S&P 500 Flagship Fund	894,155 shares		16,570,479
Selected American Fund	37,335 shares		1,238,415
Templeton Foreign Fund	220,699 shares		2,348,237
White Oak Growth Stock Fund	61,285 shares		2,156,626
Self-Directed Brokerage Accounts			181,287
Participant loans*	At interest rates ranging from 5.0 % to 10.5 %		1,121,840
			\$ 58,627,068

* Indicates party-in-interest to the Plan.

** Cost presented for nonparticipant-directed investments.

OMNOVA Solutions Retirement Savings Plan

EIN: 34-1897652 Plan Number: 013

Schedule H, Line 4j—Schedule of Reportable Transactions

Year ended December 31, 2003

Identity of Party Involved	Description of Investment	Purchase Price	Selling Price	Cost	Current Value of Asset on Transaction Date	Net Gain or (Loss)
Category (iii)—Series of transactions in excess of 5% of plan assets						
National City Bank	Armada Money Market Fund	\$ 2,555,921		\$ 2,555,921	\$ 2,555,921	
			\$ 2,582,892	2,582,892	2,582,892	\$ -

There were no category (i), (ii), or (iv) reportable transactions for the year ended December 31, 2003.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, OMNOVA Solutions Inc., as Plan Administrator, has duly caused this Annual Report to be signed on its behalf by the undersigned thereunto duly authorized.

OMNOVA SOLUTIONS
RETIREMENT SAVINGS PLAN

By  _____

J.C. LeMay
Senior Vice President,
Business Development;
General Counsel

Date: June 21, 2004

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8 No. 333-34938) and Post Effective Amendment No. 1 thereto, pertaining to the OMNOVA Solutions Retirement Savings Plan of our report dated June 21, 2004, with respect to the financial statements and schedules of the OMNOVA Solutions Retirement Savings Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2003.

Ernst & Young LLP

Akron, Ohio
June 24, 2004