

SHERWIN JOHN JR  
 Form 5  
 February 06, 2013

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person \*  
**SHERWIN JOHN JR**  
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
**MATERION Corp [MTRN]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

**6070 PARKLAND BLVD.**  
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
**12/31/2012**

Director  10% Owner  
 Officer (give title below)  Other (specify below)

**MAYFIELD HTS., OH 44124**  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting  
 (check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	06/01/2012	Â	A4 <sup>(1)</sup>	24.876 A	\$ 21.41	7,125.876 I	See footnote (1)
Common Stock	09/04/2012	Â	A4 <sup>(1)</sup>	25.326 A	\$ 21.1	7,151.202 I	See footnote (1)
Common Stock	12/04/2012	Â	A4 <sup>(1)</sup>	25.886 A	\$ 20.72	7,177.088 I	See footnote (1)

Common Stock	Â	Â	Â	Â	Â	Â	1,429	I	See footnote (2)
Common Stock	Â	Â	Â	Â	Â	Â	5,774	I	See footnote (3)
Common Stock	Â	Â	Â	Â	Â	Â	2,654	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 2270 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9.
					(A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SHERWIN JOHN JR 6070 PARKLAND BLVD. MAYFIELD HTS., OH 44124	Â X	Â	Â	Â

## Signatures

Susan J.  
MacDonald/atty-in-fact 02/06/2013

\*\*Signature of Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1)

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Reflects dividend equivalents acquired under the dividend equivalent features of the Issuer's 1992 Deferred Compensation Plan for Non-employee Directors ("1992 Plan"), the 1997 Stock Incentive Plan for Non-employee Directors ("1997 Plan") and the 2006 Non-employee Director Equity Plan ("2006 Plan").

- (2) Reflects shares held by the reporting person as trustee for son, John (1,026) and daughter, Heather (403).
- (3) Reflects shares held in living trust of the reporting person.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.