

Lazovsky David E  
 Form 4  
 September 11, 2012

**FORM 4**

**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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Lazovsky David E

(Last) (First) (Middle)  
 3011 NORTH FIRST STREET  
 (Street)

SAN JOSE, CA 95134

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 INTERMOLECULAR INC [IMI]

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 09/07/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	Amount	(A) or (D)	Price
Common Stock, \$0.001 par value	09/07/2012		S <sup>(4)</sup>	14,600	D	\$ 6.8948	3,288,027
						<u>(5)</u>	D
Common Stock, \$0.001 par value	09/10/2012		S <sup>(4)</sup>	8,466	D	\$ 6.6223	3,279,561
						<u>(6)</u>	D
Common Stock, \$0.001 par value	09/11/2012		S <sup>(4)</sup>	9,139	D	\$ 6.5041	3,270,422
						<u>(7)</u>	D

Common Stock, \$0.001 par value	35,487	I	By Wife
Common Stock, \$0.001 par value	189,513	I	By GRAT <sup>(1)</sup>
Common Stock, \$0.001 par value	189,513	I	By Wife's GRAT <sup>(2)</sup>
Common Stock, \$0.001 par value	45,882	I	By Children's Trust <sup>(3)</sup>

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

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(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. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 6)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lazovsky David E 3011 NORTH FIRST STREET	X	X	President & CEO	

SAN JOSE, CA 95134

## Signatures

/s/ David E.  
Lazovsky

09/11/2012

\_\_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) These shares are held by The David E. Lazovsky 2010 Annuity Trust.

(2) These shares are held by The Juel D. Lazovsky 2010 Annuity Trust.

(3) These shares are held by The Lazovsky 2010 Irrevocable Children's Trust.

(4) The sale reported was effected pursuant to a 10b5-1 Sales Plan entered into by the Reporting Person on May 14, 2012.

The transaction was executed in multiple trades in prices ranging from \$6.75 to \$7.03, inclusive. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

(6) The transaction was executed in multiple trades in prices ranging from \$6.46 to \$6.69, inclusive. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

(7) The transaction was executed in multiple trades in prices ranging from \$6.45 to \$6.58, inclusive. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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