INTERMOLECULAR INC

Form 4 May 15, 2017

FORM 4

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

OMB Number: 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

burden hours per response... 0.5

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * MILLER LLOYD I III			2. Issuer Name and Ticker or Trading Symbol INTERMOLECULAR INC [IMI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 3300 SOUTH		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/12/2017	Director X 10% Owner Officer (give title below) Other (specify below)			
WEST PALM	(Street)	FL 33405	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	Table	e I - Non-D	erivative S	Secur	ities Acc	quired, Disposed	of, or Beneficia	Illy Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	05/12/2017		P	1,150	A	\$ 0.85	2,739,853 (1)	I	By Trust A-4 - Lloyd I. Miller
Common Stock	05/12/2017		P	3,492	A	\$ 0.85	2,743,345 (1)	I	By Trust A-4 - Lloyd I. Miller
Common Stock							320,136 (1)	I	By Trust A-3 - Lloyd I. Miller
Common Stock							49,318 (1)	I	By LIMFAM

Table I. Non-Dominatine Committee Assuring Disposed of an Domeficially Owned

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			LLC
Common Stock	14,149 (1)	I	By Milfam I L.P.
Common Stock	1,780,911 (1)	I	By Milfam II L.P.
Common Stock	70,368	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amoun		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(monas Day) Teat)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/ e		Underly Securiti	ying	Security (Instr. 5)	Securi Bene Owno Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
MILLER LLOYD I III 3300 SOUTH DIXIE HIGHWAY SUITE 1-365 WEST PALM BEACH, FL 33405		X				
Signatures						

/s/ Paul N. Silverstein Attorney-in-fact 05/15/2017 **Signature of Reporting Person Date

Reporting Owners 2

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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).

The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein. This filing (1) shall not be deemed an admission that the reporting person is, for purposes of Section 16 of the Securities Exchange Act of 1934 (the "Act") or otherwise, the beneficial owner of any equity securities covered by this filing.

Note: File three copies of this Form, one of which must be manually signed. If space 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.