

Fullerton Richard B.  
Form 3  
February 22, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
RBF Capital, LLC		(Month/Day/Year)	MATERIAL SCIENCES CORP [MASC]	
(Last)	(First)	(Middle)	07/15/2009	
100 DRAKES LANDING ROAD, SUITE 300			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
GREENBRAE, CA 94904			<input type="checkbox"/> Director	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input type="checkbox"/> Officer	<input type="checkbox"/> 10% Owner
			<input checked="" type="checkbox"/> Other	<input type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input checked="" type="checkbox"/> Form filed by More than One Reporting Person
			See footnotes	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	1,708,703	I	See footnotes (1) (2) (3)

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

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
		Title			

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Date	Expiration	Amount or	or Indirect
Exercisable	Date	Number of	(I)
		Shares	(Instr. 5)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RBF Capital, LLC 100 DRAKES LANDING ROAD SUITE 300 GREENBRAE, CA 94904	Â	Â	Â	See footnotes
Fullerton Richard B. 100 DRAKES LANDING ROAD SUITE 300 GREENBRAE, CA 94904	Â	Â	Â	See footnotes

## Signatures

RBF Capital, LLC; By: Richard B. Fullerton, its Managing Member; /s/ Richard B. Fullerton	02/19/2010	Date
**Signature of Reporting Person		
Richard B. Fullerton; /s/ Richard B. Fullerton	02/19/2010	Date
**Signature of Reporting Person		

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) The reporting persons are: (i) RBF Capital, LLC ("RBF"); and (ii) Richard B. Fullerton, RBF's managing member.  
The securities reported on this Form 3 are beneficially held by investment limited partnerships for which RBF serves as the general partner and/or investment manager (the "Funds"). None of the Funds is itself the beneficial owner of more than 10% of the issuer's common stock. RBF and Mr. Fullerton may, however, be deemed to beneficially own the securities owned by the Funds insofar as they may be deemed to have the power to direct the voting or disposition of such securities.
- (2) Each of RBF, Mr. Fullerton and the Funds disclaims beneficial ownership in these securities, except to the extent of their respective pecuniary interests therein.
- (3)

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.