

BRUSH ENGINEERED MATERIALS INC  
 Form 4  
 May 18, 2010

**FORM 4**

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

OMB APPROVAL

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**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 \*  
 MADAR WILLIAM P

2. Issuer Name and Ticker or Trading Symbol  
 BRUSH ENGINEERED MATERIALS INC [BW]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 6070 PARKLAND BLVD.  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/17/2010

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 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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common stock	05/17/2010		M		2,000	A	\$ 20.64
Common Stock	05/17/2010		S		400	D	\$ 24.71
Common Stock	05/17/2010		S		200	D	\$ 24.72
Common Stock	05/17/2010		S		200	D	\$ 24.68
Common Stock	05/17/2010		S		200	D	\$ 24.67

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Common Stock	05/17/2010	S	200	D	\$ 24.65	18,285	D	
Common Stock	05/17/2010	S	200	D	\$ 24.61	18,085	D	
Common Stock	05/17/2010	S	200	D	\$ 24.62	17,885	D	
Common Stock	05/17/2010	S	100	D	\$ 24.64	17,785	D	
Common Stock	05/17/2010	S	100	D	\$ 24.66	17,685	D	
Common Stock	05/17/2010	S	100	D	\$ 24.48	17,585	D	
Common Stock	05/17/2010	S	100	D	\$ 24.49	17,485	D	
Common stock						5,974	I	See footnote (1)

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

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**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. Amount or Number of Shares
Stock Options	\$ 20.64	05/17/2010		A	2,000	11/02/2001 05/02/2011	Common Stock	2,000

## Reporting Owners

Reporting Owner Name / Address Relationships

Reporting Owners

Director 10% Owner Officer Other

MADAR WILLIAM P  
6070 PARKLAND BLVD. X  
MAYFIELD HTS., OH 44124

## Signatures

Susan J. MacDonald / Atty  
in fact 05/18/2010

\_\_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) Acquired and held by trust for the Brush Engineered Materials Inc. Deferred Compensation Plan for Non-employee Directors and the 1997 Stock Incentive Plan.

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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