

AMERICAN TECHNICAL CERAMICS CORP  
 Form 3  
 June 25, 2007

**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	
AVX CORP		(Month/Day/Year)	AMERICAN TECHNICAL CERAMICS CORP [AMK]	
(Last)	(First)	(Middle)	06/15/2007	
801 17TH AVE SOUTH, PO BOX 867			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
MYRTLE BEACH, SC 29577			<input type="checkbox"/> Director	<input checked="" type="checkbox"/> 10% Owner
(City)	(State)	(Zip)	<input type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below)	(specify below)
				6. Individual or Joint/Group Filing(Check Applicable Line)
				<input type="checkbox"/> Form filed by One Reporting Person
				<input checked="" type="checkbox"/> Form filed by More than One Reporting Person

**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)
No securities beneficially owned <sup>(1)</sup> <sub>(2)</sub>	0	I	See Footnote <sup>(1)</sup> <sub>(2)</sub>

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)
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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
AVX CORP 801 17TH AVE SOUTH PO BOX 867 MYRTLE BEACH, SC 29577	^	^ X	^	^
Admiral Byrd Acquisition Sub, Inc. C/O AVX CORPORATION 801 17TH AVENUE SOUTH MYRTLE BEACH, SC 29577	^	^ X	^	^

## Signatures

Kurt P. Cummings, Vice President and Chief Financial Officer 06/25/2007

\*\*Signature of Reporting Person Date

Kurt P. Cummings, Vice President and Chief Financial Officer 06/25/2007

\*\*Signature of Reporting Person Date

## 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).

AVX Corporation and Admiral Byrd Acquisition Sub, Inc., a wholly-owned subsidiary of AVX Corporation, are filing this Form 3 solely because they may be deemed beneficial owners pursuant to Section 13(d) of the Securities and Exchange Act of 1934, as amended, of 4,405,280 shares of common stock, par value \$0.01 per share of American Technical Ceramics Corp. The 4,405,280 shares of common (1) stock of American Technical Ceramics Corp. are subject to a Voting Agreement dated as of June 15, 2007, between AVX Corporation, Admiral Byrd Acquisition Sub, Inc. and the stockholders named therein. The Voting Agreement was entered into in connection with the Agreement and Plan of Merger, dated as of June 15, 2007, between AVX Corporation, Admiral Byrd Acquisition Sub, Inc. and American Technical Ceramics Corp.

For additional information regarding the Voting Agreement and the Agreement and Plan of Merger, see the Schedule 13D filed by AVX and Merger Sub with the Securities and Exchange Commission on June 25, 2007. AVX Corporation and Admiral Byrd Acquisition Sub, Inc. each disclaim beneficial ownership of the 4,405,280 shares of common stock, par value \$0.01 per share of American Technical (2) Ceramics Corp. and this filing shall not be deemed an admission that AVX Corporation and/or Admiral Byrd Acquisition Sub are the beneficial owners of the 4,405,280 shares of common stock, par value \$0.01 per share of American Technical Ceramics Corp. for purposes of Section 16 of the Section 13(d) of the Securities and Exchange Act of 1934, as amended or for any other purpose. Neither AVX Corporation nor Admiral Byrd Acquisition Sub, Inc. has a 'pecuniary interest' in the Shares.

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.