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

SCHEDULE 13G

Under	the	Securities	Exchange	Act	٥f	1934

onder the Securities Exchange Act of 1934
(Amendment No. 2)*
Minerals Technologies Inc. (Name of Issuer)
Common Stock
(Title of Class of Securities)
603158106
(CUSIP Number)
November 30, 2001
(Date of Event Which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
<pre>[x] Rule 13d-1(b) [] Rule 13d-1(c) [] Rule 13d-1(d)</pre>
*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.
The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).
13G CUSIP No. 603158106
1 NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
Artisan Partners Limited Partnership 39-1807188
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)
(a) [] Not Applicable
(b) []
3 SEC USE ONLY
4 CITIZENSHIP OR PLACE OF ORGANIZATION
Delaware
5 SOLE VOTING POWER

NUMBER OF 6 SHARED VOTING POWER

SHARES BENEFICIALLY	1,970,736				
OWNED BY					
EACH	7 SOLE DISPOSITIVE POWER				
REPORTING PERSON WITH	None				
	8 SHARED DISPOSITIVE POWER				
	1,970,736				
9 AGGREGATE AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
1,970,736					
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)					
Not Applica	able				
11 PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)				
10.1%					
* *	12 TYPE OF REPORTING PERSON (see Instructions)				
IA					

1 NAME OF REPORTING PERSON S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
	Artisan In	vesti	ment Corporation			
	(see Instructions)					
Not Applicable			(a) []			
			(b) []			
3 S	3 SEC USE ONLY					
4 C	ITIZENSHIP OR	PLA	CE OF ORGANIZATION			
	Wisconsin					
		 5	SOLE VOTING POWER			
			None			
	ER OF ARES	6	SHARED VOTING POWER			
	ICIALLY ED BY		1,970,736			
EA	СН	7	SOLE DISPOSITIVE POWER			
REPOR PER	SON		None			
WI	TH	8	SHARED DISPOSITIVE POWER			
			1,970,736			
9 A	GGREGATE AMOU	NT B	ENEFICIALLY OWNED BY EACH REPORTING PERSON			
	1,970,736					
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)						
Not Applicable						
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
10.1%						
12 TYPE OF REPORTING PERSON (see Instructions)						
	со					

1 NAME OF REPORTING PERSON S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
Andrew A.	Zieg				
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)					
Not Applicable		(a) []			
		(b) []			
3 SEC USE ONLY					
4 CITIZENSHIP 0	R PLA	ACE OF ORGANIZATION			
U.S.A.					
	5	SOLE VOTING POWER			
		None			
NUMBER OF	6	SHARED VOTING POWER			
SHARES BENEFICIALLY		1,970,736			
OWNED BY EACH	7	SOLE DISPOSITIVE POWER			
REPORTING PERSON		None			
WITH	8	SHARED DISPOSITIVE POWER	,		
		1,970,736			
9 AGGREGATE AMO	UNT B	BENEFICIALLY OWNED BY EACH REPORTING PERSON			
1,970,736					
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)					
Not Applicable					
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
10.1%					
12 TYPE OF REPORTING PERSON (see Instructions)					
IN					

1 NAME OF REPORTING PERSON S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
Carlene	Carlene Murphy Ziegler				
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)					
Not Applicat	ole	(a) []			
		(b) []			
3 SEC USE ONLY	′				
4 CITIZENSHIP	OR PLA	CE OF ORGANIZATION			
U.S.A.					
	5	SOLE VOTING POWER			
		None			
NUMBER OF	6	SHARED VOTING POWER			
SHARES BENEFICIALLY		1,970,736			
OWNED BY EACH	7	SOLE DISPOSITIVE POWER			
REPORTING PERSON		None			
WITH	8	SHARED DISPOSITIVE POWER			
		1,970,736			
9 AGGREGATE AN	 10UNT BI	ENEFICIALLY OWNED BY EACH REPORTING PERSON			
1,970,73	36				
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)					
Not Applicable					
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
10.1%					
12 TYPE OF REPORTING PERSON (see Instructions)					
IN					

Item 1(a) Name of Issuer:

Minerals Technologies Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:

> 405 Lexington Avenue New York, NY 10174-1901

Item 2(a) Name of Person Filing:

> Artisan Partners Limited Partnership ("Artisan Partners") Artisan Investment Corporation, the general partner of Artisan Partners ("Artisan Corp.") Andrew A. Ziegler

Carlene Murphy Ziegler

Item 2(b) Address of Principal Business Office:

> Artisan Partners, Artisan Corp., Mr. Ziegler and Ms. Ziegler are all located at:

1000 North Water Street, #1770 Milwaukee, WI 53202

Citizenship: Item 2(c)

> Artisan Partners is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens

Title of Class of Securities: Item 2(d)

Common Stock

CUSIP Number: Item 2(e)

603158106

Item 3 Type of Person:

> (e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Corp. is the General Partner of Artisan Partners; Mr. Ziegler and Ms. Ziegler are the principal stockholders of Artisan Corp.

Ownership (at November 30, 2001):

- (a) Amount owned "beneficially" within the meaning of rule 13d-3: 1,970,736
- (b) Percent of class:

10.1% (based on 19,575,124 shares outstanding as of October 26, 2001)

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote: None
 - (ii) shared power to vote or to direct the vote: 1,970,736
 - (iii) sole power to dispose or to direct the disposition of: None
 - (iv) shared power to dispose
 or to direct disposition
 of: 1,970,736

Item 5

Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6

Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares. None of those persons, to the knowledge of Artisan Partners, Mr. Ziegler or Ms. Ziegler, has an economic interest in more than 5% of the class.

Item 7

Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8

Identification and Classification of Members of the Group:

Not Applicable

Item 9

Notice of Dissolution of Group:

Not Applicable

Item 10

Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: December 10, 2001

ARTISAN INVESTMENT CORPORATION for itself and as general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: /s/ Andrew A. Ziegler
Andrew A. Ziegler
President

ANDREW A. ZIEGLER

/s/ Andrew A. Ziegler

CARLENE MURPHY ZIEGLER

/s/ Carlene Murphy Ziegler

Exhibit 1

Joint Filing Agreement dated as of December 10, 2001 by and among Artisan Partners Limited Partnership, Artisan Investment Corporation, Andrew A. Ziegler, and Carlene Murphy Ziegler

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: December 10, 2001

ARTISAN INVESTMENT CORPORATION for itself and as general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: /s/ Andrew A. Ziegler

Andrew A. Ziegler
President

ANDREW A. ZIEGLER

/s/ Andrew A. Ziegler

CARLENE MURPHY ZIEGLER

/s/ Carlene Murphy Ziegler