ARTISAN PARTNERS LTD PARTNERSHIP

Form SC 13G/A February 13, 2002

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

SCHEDULE 13G					
Under the Securities Exchange Act of 1934					
(Amendment No. 3)*					
Minerals Technologies Inc.					
(Name of Issuer)					
Common Stock					
(Title of Class of Securities)					
603158106					
(CUSIP Number)					
December 31, 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:					
[x] Rule 13d-1(b)					
[] Rule 13d-1(c) [] Rule 13d-1(d)					
*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					

1 NAME OF REPORTING PERSON /
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

CUSIP No. 603158106

	Artisan	Partr	ners Limited Partnership				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)						
	Not Applicab	(a) []					
		(b) []					
3	SEC USE ONLY	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
	Delaware)					
		5	SOLE VOTING POWER				
	NUMBER OF		None				
SHARES BENEFICIALLY OWNED BY		6	SHARED VOTING POWER				
	EACH REPORTING		1,631,336				
	PERSON WITH	7	SOLE DISPOSITIVE POWER				
	W T 111		None				
		8	SHARED DISPOSITIVE POWER				
			1,631,336				
9	AGGREGATE AM	OUNT	BENEFICIALLY OWNED BY EACH REPO	 RTING PERSON			
	1,631,33	36					
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)						
	Not Appli	cable	2				
11	PERCENT OF CI	 LASS F	REPRESENTED BY AMOUNT IN ROW (9)				
	8.3%						
12							
	IA						
			13G				
CUSIP	No. 60		.06				
1	NAME OF REPORTING PERSON / S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
	Artisan	Inves	stment Corporation				

2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)					
	Not Applicable			(a) []		
	NOC APPIICA	(b) []				
3	3 SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
	Wiscons	in				
		5	SOLE VOTING POWER			
	NUMBER OF		None			
			SHARED VOTING POWER			
	OWNED BY EACH		1,631,336			
	REPORTING PERSON	7	SOLE DISPOSITIVE POWER			
	WITH		None			
		8	SHARED DISPOSITIVE POWER			
			1,631,336			
9	AGGREGATE A	MOUNT	BENEFICIALLY OWNED BY EACH REPO	RTING PERSON		
	1,631,3	36				
10	CHECK BOX IF		GGREGATE AMOUNT IN ROW (9) EXCL	UDES CERTAIN SHARES		
	Not Appl	icable				
11	PERCENT OF C	LASS R	EPRESENTED BY AMOUNT IN ROW (9)			
	8.3%					
12	TYPE OF REPO		PERSON			
	CO					
			13G			
CUSIP	No. 6	031581	06 			
1			PERSON / ENTIFICATION NO. OF ABOVE PERSO	N		
	Andrew	A. Zie	gler			
2	CHECK THE A	 PPROPR	IATE BOX IF A MEMBER OF A GROUP			

	(see Instruc	tions)				
	(a) [] Not Applicable						
				(d) []			
3	SEC USE ONLY						
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
	U.S.A.						
		5	SOLE VOTING POWER				
	NUMBER OF SHARES BENEFICIALLY		None				
		6	SHARED VOTING POWE	 R			
	OWNED BY EACH		1,631,336				
	REPORTING PERSON	 7	SOLE DISPOSITIVE P	OWER			
	WITH		None				
		8	SHARED DISPOSITIVE	POWER			
			1,631,336				
9	AGGREGATE AM	 OUNT	BENEFICIALLY OWNED B	Y EACH REPORTING PERSON			
	1,631,33	6					
10							
	Not Appli	cable					
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
	8.3%						
12 TYPE OF REPORTING PERSON							
	(see Instruct	ions)					
	IN						
			120				
13G CUSIP No. 603158106							
CUSIP	NO. 60.						
1	NAME OF REPORTING PERSON / S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
	Carlene I	Murph	y Ziegler				
2	2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP						
(see Instructions)				(2) []			

Not Applicable (b) [] SEC USE ONLY ______ CITIZENSHIP OR PLACE OF ORGANIZATION U.S.A. 5 SOLE VOTING POWER NUMBER OF None _____ SHARES BENEFICIALLY 6 SHARED VOTING POWER OWNED BY 1,631,336 REPORTING -----DERSON 7 SOLE _____ PERSON 7 SOLE DISPOSITIVE POWER WITH None 8 SHARED DISPOSITIVE POWER 1,631,336 _____ _____ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,631,336 ______ 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) 8.3% ______ 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, New York 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

Item 2(c) Citizenship:

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

Item 2(d) Title of Class of Securities:

Common Stock

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.

> (a) Amount owned "beneficially" within the meaning of rule 13d-3:

> > 1,631,336

(b) Percent of class:

8.3% (based on 19,575,124 shares outstanding as of Oct. $26,\ 2001$)

- (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: 1,631,336
- (iii) sole power to dispose or to direct the disposition of: None
- (iv) shared power to dispose or to direct disposition of: 1,631,336

Not Applicable

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, Artisan Corp., 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

Not Applicable

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: February 13, 2002

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 Index

Exhibit 1 Joint Filing Agreement dated as of February 13, 2002 by and among Artisan Partners Limited Partnership, Artisan Investment Corporation, Andrew A. Ziegler, and Carlene Murphy Ziegler