#### ARTISAN PARTNERS LTD PARTNERSHIP

Form SC 13G/A December 10, 2001

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

SCHEDULE 13G
Under 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

			13G	
CUSIP	No.	603158106		

Notes).

I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

	Artisan P	artners	Limited Partnership 39-1	807188	
2	2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)  (a) [ ]  Not Applicable  (b) [ ]				
			(a) [	]	
			(d) 	]	
3					
4	CITIZENSHIP C	R PLACE	OF ORGANIZATION		
	Delaware				
		5	SOLE VOTING POWER		
			None		
1	NUMBER OF	6	SHARED VOTING POWER		
В	SHARES ENEFICIALLY		1,970,736		
	OWNED BY EACH	7	SOLE DISPOSITIVE POWER		
R.	EPORTING PERSON		None		
	WITH	8	SHARED DISPOSITIVE POWER		
			1,970,736		
9	AGGREGATE AMC	 UNT BEN	EFICIALLY OWNED BY EACH RE	PORTING PERSON	
	1,970,736				
10	(see Instructi	ons)	EGATE AMOUNT IN ROW (9) EX		SHARES
	Not Applic	able 			
11	PERCENT OF CLA	SS REPR	ESENTED BY AMOUNT IN ROW (	9)	
	10.1%				
12	TYPE OF REPORT (see Instructi		SON		
	IA				
CUSIP	No. 603	158106	13G		
1	NAME OF REPOR		RSON IFICATION NO. OF ABOVE PER	SON	

	Artisan Investment Corporation			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)			
	Not Applicable		(a) [ ]	
			(b) [ ]	
3 SEC USE ONLY				
4 CITIZENSHIP OR PLACE OF ORGANIZATION				
Wisconsin				
		5	SOLE VOTING POWER	
			None	
1	NUMBER OF	6	SHARED VOTING POWER	
ВІ	SHARES ENEFICIALLY OWNED BY		1,970,736	
DI	EACH	7	SOLE DISPOSITIVE POWER	
KI	EPORTING PERSON		None	
	WITH	8	SHARED DISPOSITIVE POWER	
			1,970,736	
9	AGGREGATE AMOU	JNT BE	NEFICIALLY 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 CLASS REPRESENTED BY AMOUNT IN ROW (9)				(9)
	10.1%			
12 TYPE OF REPORTING PERSON (see Instructions)				
	СО			
			120	
13G CUSIP No. 603158106				
<del></del>				
1 NAME OF REPORTING PERSON				
	S.S. or I.R.S.	IDEN	TIFICATION NO. OF ABOVE P	ERSON
	Andrew A. Ziegler			

2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)				
	Not Applicabl	(a) [ ]			
		·	(b) [ ]		
3	SEC USE ONLY				
4	CITIZENSHIP (	OR PLACE OF ORGANIZATION			
	U.S.A.				
		5 SOLE VOTING POWER			
		None			
NU	IUMBER OF	6 SHARED VOTING POWER			
	SHARES JEFICIALLY	1,970,736			
	OWNED BY EACH REPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER			
		None			
		8 SHARED DISPOSITIVE POWER			
		1,970,736			
9	AGGREGATE AMO	OUNT BENEFICIALLY OWNED BY EACH R	EPORTING PERSON		
	1,970,736	;			
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) (see Instructions)			«CLUDES CERTAIN SHARES		
	Not Applic	cable			
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW	(9)		
	10.1%				
12	TYPE OF REPORT				
	IN				
CUSIP N	13G No. 603158106				
1	NAME OF REPOR	RTING PERSON S. IDENTIFICATION NO. OF ABOVE PE	RSON		
	Carlene Murphy Ziegler				
2	CHECK THE APE	PROPRIATE BOX IF A MEMBER OF A GRO	OUP		

Not Applicable	(a) [ ]				
noe nppirodore	(b) [ ]				
3 SEC USE ONLY					
4 CITIZENSHIP OR P	LACE 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 REPORTING	SOLE DISPOSITIVE POWER				
PERSON WITH	None				
8	SHARED DISPOSITIVE POWER				
	1,970,736				
9 AGGREGATE AMOUNT	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	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

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

Item 2(e) CUSIP Number:

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: 1,970,736
- (b) Percent of class:

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

Number of shares as to which such

(C)

	(c) Number of s person has:	hares as to which such
	(i) (ii)	sole power to vote or to direct the vote: None shared power to vote or to direct the vote:
	(iii)	1,970,736 sole power to dispose or to direct the
	(iv)	disposition of: None 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 Another Person:	Percent on Behalf of
	The shares reported acquired on behalf of discre of Artisan Partners. Persons Artisan Partners are entitle dividends from, and proceeds of, those shares. None of the knowledge of Artisan Par Ziegler or Ms. Ziegler, has interest in more than 5% of	tionary clients other than d to receive all from the sale ose persons, to tners, Mr. an economic
Item 7	Identification and Classific Which Acquired the Security Parent Holding Company or Co	Being Reported on by the
	Not Applicable	
Item 8	Identification and Classific Group:	ation of Members of the
	Not Applicable	
Item 9	Notice of Dissolution of Gro	up:
	Not Applicable	
Item 10	Certification:	
	By signing below I of my knowledge and belief, to above were acquired and a course of business and were held for the purpose of or w changing or influencing the	re held in the ordinary not acquired and are not ith the effect 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 Index

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