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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. )

Minerals Technologies Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

60315106

(CUSIP Number)

December 31, 2000 (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).

CUSIP No. 6	03151 	5106 13G	
I.R.S. I	DENTI	ORTING PERSON TFICATION NO. OF ABOVE PERSON Artners Limited Partnership 39-1807188	
2 CHECK TH (see Ins Not Appl	truct		(a)[ ] (b)[ ]
3 SEC USE	ONLY		
	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware		
NUMBER OF	5	SOLE VOTING POWER None	
SHARES BENEFICIALLY OWNED BY	6	SHARED VOTING POWER 1,315,832	
EACH REPORTING PERSON	7	SOLE DISPOSITIVE POWER None	
WITH	8	SHARED DISPOSITIVE POWER	

1,315,832
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,315,832
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 6.49%
12 TYPE OF REPORTING PERSON (see Instructions) IA

CUSIP No. 60	315106	13G	
S.S. or I	EPORTING PERSON .R.S. IDENTIFICATION NO. Investment Corporation		
(see Inst Not Appli	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) Not Applicable		
3 SEC USE C			
4 CITIZENSH Wiscons	IP OR PLACE OF ORGANIZAT: in	EON	
	5 SOLE VOTING POWER None		
NUMBER OF SHARES BENEFICIALLY OWNED BY	6 SHARED VOTING POWER		
	7 SOLE DISPOSITIVE PON None		
	8 SHARED DISPOSITIVE I 1,315,832	POWER	
9 AGGREGATE 1,315,8		ED BY EACH REPORTING PERSON	
SHARES (see Inst	ructions) licable	IN ROW (9) EXCLUDES CERTAIN	
11 PERCENT C 6.49%	F CLASS REPRESENTED BY A		
12 TYPE OF R	EPORTING PERSON ructions)		

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CUSIP No.	60315106 13G	
S.S. 0	F REPORTING PERSON r I.R.S. IDENTIFICATION NO. OF ABOVE PERSON ew A. Ziegler	
(see i Not Ap	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) Not Applicable	
3 SEC US		
	NSHIP OR PLACE OF ORGANIZATION	
	5 SOLE VOTING POWER None	
NUMBER OF SHARES BENEFICIAL OWNED BY	6 SHARED VOTING POWER LY 1,315,832	
EACH REPORTING PERSON	7 SOLE DISPOSITIVE POWER None	
WITH		
	ATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,832	
SHARES (see I	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN nstructions) Applicable	
6.49		
12 TYPE 0	F REPORTING PERSON nstructions)	

CUSIP No. 60	0315106 13G	
S.S. or I	REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON e Murphy Ziegler	
	E APPROPRIATE BOX IF A MEMBER OF A GROUP tructions)	(a)[ ] (b)[ ]
3 SEC USE (		
	HIP OR PLACE OF ORGANIZATION	
	5 SOLE VOTING POWER None	
NUMBER OF SHARES BENEFICIALLY OWNED BY	6 SHARED VOTING POWER	
EACH REPORTING PERSON	7 SOLE DISPOSITIVE POWER None	
	8 SHARED DISPOSITIVE POWER 1,315,832	
9 AGGREGATE 1,315,8	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 832	
SHARES (see Inst Not App	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN tructions) plicable	
11 PERCENT ( 6.49%	OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
(see Inst IN	REPORTING PERSON tructions)	

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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
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:
	60315106
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 December 31, 2000):

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

1,315,832

(b) Percent of class:

6.49% (based on 20,272,646 shares outstanding as of October 20, 2000)

- (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: 1,315,832
  - (iii) sole power to dispose or to direct the disposition of: none
  - (iv) shared power to dispose or to direct disposition of: 1,315,832
- 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 in the ordinary course of business and were not acquired and are not held for the purpose of or with the 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 9, 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 February 9, 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: February 9, 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