ARTISAN PARTNERS LTD PARTNERSHIP

Form SC 13G/A January 31, 2003

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

	SCHEDULE 13G
	Under the Securities Exchange Act of 1934
	(Amendment No. 4)*
	Minerals Technologies Inc.
	(Name of Issuer)
	Common Stock
	(Title of Class of Securities)
	603158106
	(CUSIP Number)
	December 31, 2002
(Date	of Event Which Requires Filing of this Statement)
Check the a	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>
initial filing of for any subseque	of this cover page shall be filled out for a reporting person's on this form with respect to the subject class of securities, and ent amendment containing information which would alter the rided in a prior cover page.
to be "filed" fo 1934 ("Act") or	required in the remainder of this cover page shall not be deemed or the purpose of Section 18 of the Securities Exchange Act of otherwise subject to the liabilities of that section of the Act oject to all other provisions of the Act (however, see the
CUSIP No. 603	13G 8158106
1 NAME OF REP	PORTING PERSON /

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

Artisan Partners Limited Partnership -----CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [] Not Applicable _____ 3 SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION Delaware _____ 5 SOLE VOTING POWER None NUMBER OF SHARES BENEFICIALLY 6 SHARED VOTING POWER OWNED BY 323,236 EACH REPORTING PERSON ______ WITH 7 SOLE DISPOSITIVE POWER None _____ 8 SHARED DISPOSITIVE POWER 323,236 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 323,236 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) 1.6% ______ 12 TYPE OF REPORTING PERSON (see Instructions) -----13G CUSIP No. 603158106

NAME OF REPORTING PERSON / S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Artisan Investment Corporation ______ CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [] Not Applicable (b) [] SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER None NUMBER OF SHARES BENEFICIALLY 6 SHARED VOTING POWER OWNED BY 323,236 EACH REPORTING PERSON _____ WITH 7 SOLE DISPOSITIVE POWER None 8 SHARED DISPOSITIVE POWER 323,236 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 323,236 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) ._____ 12 TYPE OF REPORTING PERSON (see Instructions) CO ______

NAME OF REPORTING PERSON / S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Andrew A. Ziegler ______ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [] Not Applicable (b) [] _____ 3 SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION U.S.A. 5 SOLE VOTING POWER None NUMBER OF SHARES ______ BENEFICIALLY 6 SHARED VOTING POWER OWNED BY EACH 323,236 REPORTING PERSON ______ WITH 7 SOLE DISPOSITIVE POWER None _____ 8 SHARED DISPOSITIVE POWER 323,236 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 323,236 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) 1.6% -----12 TYPE OF REPORTING PERSON (see Instructions) ______

13G CUSIP No. 603158106 _____ .-----1 NAME OF REPORTING PERSON / S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Carlene Murphy Ziegler 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [] Not Applicable (b) [] SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION U.S.A. 5 SOLE VOTING POWER None NUMBER OF ______ BENEFICIALLY 6 SHARED VOTING POWER OWNED BY EACH 323,236 REPORTING ______ PERSON 7 SOLE DISPOSITIVE POWER WITH None _____ 8 SHARED DISPOSITIVE POWER 323,236 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 323,236 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN (see Instructions) Not Applicable 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

1.6%

12 TYPE OF REPORTING PERSON (see Instructions)

5

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
Item 2(a)	Name of Person Filing:
	Artisan Partners Limited Partnership ("Artisan Partners") Artisan Investment Corporation, the general partner o 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:

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

6031581068

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.

Item 4	Ownership (at December 31, 2002):
	(a) Amount owned "beneficially" within the meaning of rule 13d-3:
	323,236
	(b) Percent of class:
	1.6% (based on 20,148,155 shares outstanding as of October 21, 2002)
	(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: 323,236 (iii) sole power to dispose or to direct the disposition of: None
	(iv) shared power to dispose or to direct disposition of: 323,236
Item 5	Ownership of Five Percent or Less of a Class:
	If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].
Item 6	Ownership of More than Five Percent on Behalf of Another Person:
	Not Applicable
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: January 31, 2003

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

By: /s/ Lawrence A. Totsky

Lawrence A. Totsky

Chief Financial Officer

ANDREW A. ZIEGLER

Andrew A. Ziegler*

*By: /s/ Lawrence A. Totsky
-----Lawrence A. Totsky
Attorney-in-Fact

CARLENE MURPHY ZIEGLER

Carlene Murphy Ziegler*

*By: /s/ Lawrence A. Totsky

Lawrence A. Totsky

Attorney-in-Fact

Exhibit Index

Joint Filing Agreement dated as of January 31, 2003 by

and among Artisan Partners Limited Partnership, Artisan Investment Corporation, Andrew A. Ziegler, and Carlene Murphy Ziegler

Exhibit 2 Power of Attorney of Andrew A. Ziegler dated as of

April 2, 2002

Exhibit 3 Power of Attorney of Carlene M. Ziegler dated as of

April 2, 2002