

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:

[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

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)

Not Applicable

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

None

NUMBER OF

6 SHARED VOTING POWER

SHARES
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

1,970,736

7 SOLE DISPOSITIVE POWER

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 REPRESENTED BY AMOUNT IN ROW (9)

10.1%

12 TYPE OF REPORTING PERSON
(see Instructions)

IA

CUSIP No. 603158106

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

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

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
WITH

6 SHARED VOTING POWER

1,970,736

7 SOLE DISPOSITIVE POWER

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 REPRESENTED BY AMOUNT IN ROW (9)

10.1%

12 TYPE OF REPORTING PERSON
(see Instructions)

CO

CUSIP No. 603158106

1 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)

Not Applicable

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

U.S.A.

5 SOLE VOTING POWER

None

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
WITH

6 SHARED VOTING POWER

1,970,736

7 SOLE DISPOSITIVE POWER

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 REPRESENTED BY AMOUNT IN ROW (9)

10.1%

12 TYPE OF REPORTING PERSON
(see Instructions)

IN

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)

Not Applicable

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

U.S.A.

5 SOLE VOTING POWER

None

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
WITH

6 SHARED VOTING POWER

1,970,736

7 SOLE DISPOSITIVE POWER

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 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

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.

Item 4

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

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

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
