SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the quarter ended March 31, 2002 Commission File No. 0-2504

MINE SAFETY APPLIANCES COMPANY

(Exact name of registrant as specified in its charter)

Pennsylvania	25-0668780
(State or other jurisdiction of incorporation or organization)	(IRS Employer Identification No.)

121 Gamma Drive RIDC Industrial Park O'Hara Township Pittsburgh, Pennsylvania	15238
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: 412/967-3000

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months and (2) has been subject to such filing requirements for the past 90 days.

Yes X No

As of April 30, 2002, there were outstanding 12,165,187 shares of common stock without par value, not including 1,415,373 shares held by the Mine Safety Appliances Company Stock Compensation Trust.

PART I FINANCIAL INFORMATION
MINE SAFETY APPLIANCES COMPANY
CONSOLIDATED CONDENSED BALANCE SHEET
(Thousands of dollars, except share data)

	March 31 2002	December 31 2001
ASSETS		
Current assets		
Cash	$ 17,282	$ 22,842
Temporary investments, at cost which approximates market	3,953	4,150
Trade receivables, less allowance for doubtful accounts $2,813 and $2,956	52,931	50,704
Other receivables	37,326	38,325
Inventories:		
Finished products	32,607	30,375
Work in process	14,150	12,099
Raw materials and supplies	35,343	35,400
Total inventories	82,100	77,874
Deferred tax assets	12,880	12,944
Prepaid expenses and other current assets	11,100	10,158
Total current assets	217,572	216,997
Property, plant and equipment	391,587	387,789
Less accumulated depreciation	(240,210)	(236,128)
Net property	151,377	151,661
Prepaid pension cost	96,787	92,437
Deferred tax assets	12,405	12,694
Goodwill	33,724	33,722
Other noncurrent assets	14,084	13,187
TOTAL	$ 525,949	$ 520,698
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities		
Notes payable and current portion of long-term debt	$ 7,122	$ 6,484
Accounts payable	25,035	24,751
Employees' compensation	12,962	14,368
Insurance	8,804	9,267
Taxes on income	6,958	4,812
Other current liabilities	20,604	22,818
Total current liabilities	81,485	82,500
Long-term debt	67,354	67,381
Pensions and other employee benefits	54,156	55,428
Deferred tax liabilities	57,921	56,053
Other noncurrent liabilities	6,153	5,832
Shareholders' equity		
Preferred stock, 4-1/2% cumulative - authorized 100,000 shares of $50 par value; issued 71,373 shares, callable at $52.50 per share	3,569	3,569
Second cumulative preferred voting stock - authorized 1,000,000 shares of $10 par value; none issued		
Common stock - authorized 60,000,000 shares of no par value; issued 20,517,939 and 20,483,051 (outstanding 12,129,577 and 12,100,727)	26,476	25,386
Stock compensation trust - 1,415,373 and 1,415,373 shares	(22,179)	(22,179)
Less treasury shares, at cost:		
Preferred - 50,313 and 50,313 shares	(1,629)	(1,629)
Common - 6,972,989 and 6,966,951 shares	(132,570)	(132,352)
Deferred stock compensation	(1,402)	(652)
Accumulated other comprehensive income	(27,240)	(26,216)
Earnings retained in the business	413,855	407,577
Total shareholders' equity	258,880	253,504
TOTAL	$ 525,949	$ 520,698

See notes to consolidated condensed financial statements.

MINE SAFETY APPLIANCES COMPANY
CONSOLIDATED CONDENSED STATEMENT OF INCOME
(Thousands of dollars, except earnings per share)

	Three Months Ended March 31 2002	2001
Net sales	$ 134,085	$ 133,595
Other (expense) income	(137)	421
	133,948	134,016
Costs and expenses		
Cost of products sold	81,412	80,528
Selling, general and administrative	31,101	32,795
Depreciation and amortization	6,015	6,366
Interest	1,328	1,627
Currency exchange losses (gains)	523	(2)
	120,379	121,314
Income before income taxes	13,569	12,702
Provision for income taxes	5,585	4,855
Net income	$ 7,984	$ 7,847
Basic earnings per common share	$ 0.66	$ 0.66
Diluted earnings per common share	$ 0.65	$ 0.66
Dividends per common share	$ 0.14	$ 0.12

See notes to consolidated condensed financial statements.

MINE SAFETY APPLIANCES COMPANY
CONSOLIDATED CONDENSED STATEMENT OF CASH FLOWS
(Thousands of dollars)

	Three Months Ended March 31 2002	Three Months Ended March 31 2001
OPERATING ACTIVITIES		
Net income	$ 7,984	$ 7,847
Depreciation and amortization	6,015	6,366
Pensions	(3,748)	(4,191)
Net loss (gain) on sale of investments and assets	30	(671)
Deferred income taxes	2,073	2,130
Changes in operating assets and liabilities	(9,896)	(9,360)
Other - including currency exchange adjustments	(1,246)	(732)
Cash flow from operating activities	1,212	1,389
INVESTING ACTIVITIES		
Property additions	(6,016)	(5,434)
Property disposals	53	1,660
Acquisitions, net of cash acquired, and other investing	(62)	(6,802)
Cash flow from investing activities	(6,025)	(10,576)
FINANCING ACTIVITIES		
Additions to long-term debt	-	6
Reductions of long-term debt	(13)	(6)
Changes in notes payable and short-term debt	671	8,404
Cash dividends	(1,706)	(1,431)
Company stock purchases	(191)	(285)
Company stock sales	453	361
Cash flow from financing activities	(786)	7,049
Effect of exchange rate changes on cash	(158)	(1,114)
Decrease in cash and cash equivalents	(5,757)	(3,252)
Beginning cash and cash equivalents	26,992	26,541
Ending cash and cash equivalents	$ 21,235	$ 23,289

See notes to consolidated condensed financial statements.

NOTES TO CONSOLIDATED CONDENSED FINANCIAL STATEMENTS

(1) The Management's Discussion and Analysis of Financial Condition and Results of Operations which follows these notes contains additional information on the results of operations and the financial position of the company. Those comments should be read in conjunction with these notes. The company's annual report on Form 10-K for the year ended December 31, 2001 includes additional information about the company, its operations, and its financial position, and should be read in conjunction with this quarterly report on Form 10-Q.

(2) The results for the interim periods are not necessarily indicative of the results to be expected for the full year.

(3) Certain prior year amounts have been reclassified to conform with the current year presentation.

(4) In the opinion of management, all adjustments, consisting of only normal recurring adjustments, necessary for a fair presentation of these interim periods have been included.

(5) Basic earnings per share is computed on the weighted average number of shares outstanding during the period. Diluted earnings per share includes the effect of the weighted average stock options outstanding during the period, using the treasury stock method. Antidilutive options are not considered in computing diluted earnings per share.

	Three Months Ended March 31 2002 (In Thousands)	Three Months Ended March 31 2001 (In Thousands)
Net income	$ 7,984	$ 7,847
Preferred stock dividends	12	12
Income available to common shareholders	7,972	7,835
Basic shares outstanding	12,109	11,835
Stock options	143	91
Diluted shares outstanding	12,252	11,926
Antidilutive stock options	176	237

(6) Comprehensive income was $6,960,000 and $5,981,000 for the three months ended March 31, 2002 and 2001, respectively. Comprehensive income includes net income and changes in accumulated other comprehensive income, primarily cumulative translation adjustments, for the period.

(7) The company is organized into three geographic operating segments (North America, Europe and Other International), each of which includes a number of operating companies.

Reportable segment information is presented in the following table:

(In Thousands)
Three Months Ended March 31, 2002

	North America	Europe	Other International	Reconciling	Consolidated Totals
Sales to external customers	$95,507	$22,571	$15,995	$12	$134,085
Intercompany sales	5,126	7,254	503	(12,883)	
Net income (loss)	7,586	(13)	504	(93)	7,984

Three Months Ended March 31, 2001

	North America	Europe	Other International	Reconciling	Consolidated Totals
Sales to external customers	$90,697	$25,066	$17,808	$24	$133,595
Intercompany sales	4,738	5,086	331	(10,155)	
Net income	6,549	564	743	(9)	7,847

Reconciling items consist primarily of intercompany eliminations and items reported at the corporate level.

(8) At March 31, 2002, accounts receivable of $64.4 million were owned by Mine Safety Funding Corporation, an unconsolidated wholly-owned bankruptcy-remote subsidiary of the company. The company held a subordinated interest in these receivables of $38.3 million, of which $37.3 million is classified as other receivables. Net proceeds to the company from the securitization arrangement were $25.0 million at March 31, 2002.

At March 31, 2001, accounts receivable of $62.0 million were owned by Mine Safety Funding Corporation, an unconsolidated wholly-owned bankruptcy-remote subsidiary of the company. The company held a subordinated interest in these receivables of $32.0 million, of which $31.0 million is classified as other receivables. Net proceeds to the company from the securitization arrangement were $29.0 million at March 31, 2001.

The key economic assumptions used to measure the retained interest at March 31, 2002 were a discount rate of 4% and an estimated life of 2.4 months. At March 31, 2002, an adverse change in the discount rate or estimated life of 10% and 20% would reduce the fair value of the retained interest by $56,000 and $111,000, respectively. The effect of hypothetical changes in fair value based on variations in assumptions should be used with caution and generally cannot be extrapolated. Additionally, the effect on the fair value of the retained interest of changing a particular assumption has been calculated without changing other assumptions. In reality, a change in one factor may result in changes in others.

(9) FAS 141, Business Combinations, requires the purchase method of accounting for all business combinations initiated after June 30, 2001, and established specific criteria for the recognition of intangible assets other than goodwill. There were no material business combinations from June 30, 2001 through March 31, 2002. The company does not expect the requirements of this statement to have a significant effect on its results of operations or financial position.

Effective January 1, 2002, the company adopted the non-amortization provisions of FAS No. 142, Goodwill and Other Intangible Assets. Under this standard, goodwill and intangible assets with indefinite lives are not amortized, but are subject to impairment tests that must be performed at least annually. If goodwill amortization had been discontinued January 1, 2001, net income for the year ended December 31, 2001, would have increased by $1.4 million, or eleven cents per share. The company has not yet determined the financial impact that the impairment provisions of FAS No. 142 will have on its consolidated financial statements. Any impairment charge resulting from the transitional impairment testing will be reported as a cumulative effect of a change in accounting principle.

The effects of adopting the non-amortization provisions on net income and basic earnings per share for the three months ended March 31, 2002 and 2001 were as follows:

In thousands	Net Income		Basic EPS	
	2002	2001	2002	2001

Reported net income	$ 7,984	$ 7,847	$ 0.66	$ 0.66
Goodwill amortization		337		0.03
Adjusted net income	$ 7,984	$ 8,184	$ 0.66	$ 0.69

Intangible assets include non-compete agreements that will be fully amortized in 2003 and patents that will be fully amortized in 2005. These items are included in other noncurrent assets. At March 31, 2002, intangible assets totaled $415,000, net of accumulated amortization of $2.6 million. Intangible asset amortization expense is expected to be approximately $355,000 in 2002, $115,000 in 2003, and $55,000 in 2004.

Changes in goodwill and intangible assets, net of accumulated amortization, during the quarter ended March 31, 2002 were as follows:

(In thousands)	Goodwill	Intangibles
Net balances at December 31, 2001	$33,722	$ 526
Amortization expense		(111)
Translation	2	
Net balances at March 31, 2002	$33,724	$ 415

Effective January 1, 2002, the company adopted FAS No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets. This statement amends previous accounting and disclosure requirements for impairments and disposals. Provisions of this statement are generally to be applied prospectively.

FAS No. 143, Accounting for Asset Retirement Obligations, addresses accounting for obligations associated with the retirement of tangible long-lived assets. The company will adopt FAS No. 143 effective January 1, 2003 and does not expect that the adoption of this statement will have a significant effect on its results of operations or financial position.

MANAGEMENT'S DISCUSSION AND ANALYSIS

Forward-looking statements

Certain statements contained in this report may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially from expectations contained in such statements.

Factors that may materially affect financial condition and future results include: global economic conditions; the threat of terrorism and its potential consequences; the timely and successful introduction of new products; timely and successful integration of acquisitions; the availability of funding in the fire service market; the ability of third party suppliers to provide key materials and components; market conditions affecting specialty chemical customers; liquidity; and currency exchange rates.

Results of operations

Three months ended March 31, 2002 and 2001

Sales for the first quarter of 2002 were $134.1 million, an increase of $500,000, or less than 1%, from $133.6 million in the first quarter of 2001.

First quarter 2002 sales for North American operations were 5% higher than in the first quarter of last year. Shipments of gas masks and other air purifying respirators were significantly higher in 2002, reflecting continued strong product interest and demand in both government and commercial markets. Specialty chemical sales in first quarter 2002 were $3.0 million lower than in the first quarter of 2001. The decrease is partly a factor of unusually strong specialty chemical shipments in first quarter 2001. Based on current order backlog and anticipated customer needs, specialty chemical shipments are expected to improve for the remainder of the year.

Incoming orders of both safety products and specialty chemicals exceeded shipments in first quarter 2002, resulting in an increase in backlog.

In Europe, first quarter 2002 local currency sales to external customers were 5% lower than in first quarter 2001. The decrease in the current quarter occurred primarily in Sweden and Switzerland and relates to the discontinuation of third party distribution businesses in those countries during 2001. When stated in U.S. dollars, European sales were 10% lower due to adverse currency exchange rate movements.

First quarter 2002 local currency sales for Other International operations were approximately 5% higher than in first quarter 2001 on strong shipments in Australia, South Africa and Brazil. When stated in U.S. dollars, however, sales of Other International operations were 10% lower than in the first quarter of 2001.

Gross profit for the first quarter of 2002 was $52.7 million, a decrease of $400,000, or less than 1%, from $53.1 million in first quarter 2001. The ratio of gross profit to sales was 39.3% in the first quarter of 2002 compared to 39.7% in the corresponding quarter last year. The lower gross profit percentage is primarily due to product mix changes.

Selling, general and administration costs in the first quarter of 2002 were $31.1 million, a decrease of $1.7 million, or 5%, compared to $32.8 million in the prior year first quarter. The decrease reflects cost reductions resulting from reorganization initiatives in Europe and Other International operations.

Depreciation and amortization expense in first quarter 2002 was $6.0 million, a decrease of $350,000, or 5%, from $6.4 million in the corresponding quarter last year. The decrease includes the effect of discontinuing goodwill amortization in first quarter 2002 as prescribed by FAS No. 142. Goodwill amortization expense in 2001 was approximately $550,000 per quarter.

Interest expense was $1.3 million in first quarter 2002 compared to $1.6 million in first quarter 2001. Lower interest expense in first quarter 2002 reflects a $5 million reduction in notes payable during December 2001 and significantly lower short-term borrowings.

Currency exchange losses of $523,000 in first quarter 2002 were primarily due to the devaluation of the Argentine Peso. Currency exchanges differences were minimal in the first quarter of 2001.

Other income and expense was an expense of $137,000 for first quarter 2002 compared to income of $421,000 for first quarter 2001. Other income in first quarter 2001 included a gain of $700,000 on the sales of the safety products distribution business in Sweden.

Income before income taxes was $13.6 million for first quarter 2002 compared to $12.7 million in first quarter 2001, an increase of $867,000, or 7%.

The effective income tax rate for the first quarter of 2002 was 41.2% compared to 38.2% in first quarter 2001. The higher rate in 2002 relates to proportionately higher income in several high tax rate countries, valuation allowances on deferred tax assets, and differences in permanent items.

Net income in the first quarter of 2002 was $8.0 million, or 66 cents per basic share, compared to $7.8 million, or 66 cents per basic share, in the first quarter last year.

Corporate Initiatives

On April 30, 2002, MSA acquired CGF Gallet, the leading European manufacturer of protective helmets for the fire service, as well as head protection for the police and military. This acquisition complements MSA Europe's strong existing line of fire service products, and provides the opportunity to capitalize on emerging opportunities where Gallet is strong - such as in the law enforcement, military, and aviation markets. Gallet will be integrated into the company's European operations and its products will be marketed under the MSA Gallet name. The integration is expected to be largely completed by the end of 2002.

Liquidity and Financial Condition

Cash and cash equivalents decreased $5.8 million during the first quarter of 2002 compared with a decrease of $3.3 million in the first quarter of 2001.

Operating activities provided $1.2 million of cash in first quarter 2002 compared to providing $1.4 million in the same period last year.

Cash of $6.0 million was used for investing activities in the first quarter of 2002 compared with the use of $10.6 million in first quarter 2001. Higher use of cash for investing activities in the first quarter of 2001 was primarily related to the acquisition of Surety Manufacturing and Testing, Ltd.

Financing activities used $786,000 in the first quarter of 2002 and provided $7.0 million in the same period last year. Higher cash provided by financing activities in 2001 relates primarily to short term borrowings used to finance the Surety acquisition. There were no significant changes in indebtedness during first quarter 2002.

Available credit facilities and internal cash resources are considered adequate to provide for future operations, capital requirements, and dividends to shareholders.

Financial Instrument Market Risk

There have been no material changes in the company's financial instrument market risk during the first three months of 2002. For additional information, refer to page 19 of the company's Annual Report to Shareholders for the year ended December 31, 2001.

Recently Issued Accounting Standards

FAS 143, Accounting for Asset Retirement Obligations, effective January 1, 2003, addresses accounting and reporting for legal obligations associated with the retirement of tangible long-lived assets. The company does not expect that the adoption of this statement will have a significant effect on its results or financial position.

PART II OTHER INFORMATION
MINE SAFETY APPLIANCES COMPANY

Item 1. Legal Proceedings

Not Applicable

Item 6. Exhibits and Reports on Form 8-K

(a) Exhibits

None

(b) Reports on Form 8-K

No reports on Form 8-K were filed during the quarter ended March 31, 2002.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

MINE SAFETY APPLIANCES COMPANY

Date: May 9, 2002

By /s/ Dennis L. Zeitler

Dennis L. Zeitler
Vice President - Finance;
Principal Financial Officer