

CYTEC INDUSTRIES INC/DE/  
Form 10-Q  
July 21, 2014  
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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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FORM 10-Q

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QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934  
For the quarterly period ended June 30, 2014  
Commission file number 1-12372

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CYTEC INDUSTRIES INC.  
(Exact name of registrant as specified in its charter)

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Delaware (State or other jurisdiction of incorporation or organization)	22-3268660 (I.R.S. Employer Identification No).
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Five Garret Mountain Plaza Woodland Park, New Jersey (Address of principal executive offices)	07424 (Zip Code)
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Registrant's telephone number, including area code (973) 357-3100

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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 (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a small reporting company. See definition of "accelerated filer, large accelerated filer, and smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer

Non-accelerated filer  Small reporting company

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

There were 35,904,341 shares of common stock outstanding at July 13, 2014.

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CYTEC INDUSTRIES INC. AND SUBSIDIARIES

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## PART I – FINANCIAL INFORMATION

## Item 1. CONSOLIDATED FINANCIAL STATEMENTS

## CYTEC INDUSTRIES INC. AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF INCOME

(Unaudited)

(Dollars in millions, except per share amounts)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2014	2013	2014	2013
Net sales	\$527.1	\$513.8	\$1,016.2	\$991.2
Manufacturing cost of sales	347.1	326.6	676.2	665.3
Selling and technical services	37.5	37.1	74.3	75.4
Research and process development	12.4	11.1	25.2	23.9
Administrative and general	32.9	30.8	62.3	61.1
Amortization of acquisition intangibles	3.7	3.8	7.3	7.5
Asset impairment charge	—	2.9	—	2.9
Earnings from operations	93.5	101.5	170.9	155.1
Other expense, net	—	7.7	0.5	8.5
Net loss on early extinguishment of debt	—	—	—	39.4
Interest expense, net	3.0	4.8	6.2	11.5
Earnings from continuing operations before income taxes	90.5	89.0	164.2	95.7
Income tax provision	28.0	26.4	45.8	24.3
Earnings from continuing operations	62.5	62.6	118.4	71.4
Earnings from operations of discontinued business, net of tax	—	—	—	31.6
Net gain (loss) on sale of discontinued operations, net of tax	11.1	(28.0 )	11.1	(32.3 )
Earnings (loss) from discontinued operations, net of tax	11.1	(28.0 )	11.1	(0.7 )
Net earnings	73.6	34.6	129.5	70.7
Less: Net earnings attributable to noncontrolling interests	—	—	—	(0.4 )
Net earnings attributable to Cytec Industries Inc.	\$73.6	\$34.6	\$129.5	\$70.3
Comprehensive income (loss)	\$82.4	\$(23.2 )	\$132.0	\$(13.9 )
Less: Comprehensive income attributable to noncontrolling interest	—	—	—	(0.2 )
Comprehensive income (loss) attributable to Cytec Industries Inc.	\$82.4	\$(23.2 )	\$132.0	\$(14.1 )
Earnings per share attributable to Cytec Industries Inc.				
Basic earnings (loss) per common share				
Continuing operations	\$1.73	\$1.53	\$3.28	\$1.66
Discontinued operations	0.31	(0.68 )	0.31	(0.02 )
	\$2.04	\$0.85	\$3.59	\$1.64
Diluted earnings (loss) per common share				
Continuing operations	\$1.70	\$1.51	\$3.23	\$1.63
Discontinued operations	0.30	(0.68 )	0.30	(0.02 )
	\$2.00	\$0.83	\$3.53	\$1.61
Dividends per common share	\$0.125	\$0.125	\$0.250	\$0.250
See accompanying Notes to Consolidated Financial Statements				

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CONSOLIDATED BALANCE SHEETS

(Unaudited)

(Dollars in millions, except per share amounts)

	June 30, 2014	December 31, 2013
Assets		
Current assets		
Cash and cash equivalents	\$ 140.2	\$ 151.8
Trade accounts receivable, less allowance for doubtful accounts of \$4.5 and \$4.6 at June 30, 2014 and December 31, 2013, respectively	291.4	251.3
Other accounts receivable	77.1	74.4
Inventories	290.6	253.1
Deferred income taxes	30.7	32.1
Other current assets	36.2	25.1
Total current assets	866.2	787.8
Plants, equipment and facilities, at cost	1,655.0	1,567.1
Less: accumulated depreciation	(547.4	) (520.1
Net plant investment	1,107.6	1,047.0
Acquisition intangibles, net of accumulated amortization of \$65.5 and \$58.0 at June 30, 2014 and December 31, 2013, respectively	156.8	161.1
Goodwill	524.3	521.3
Deferred income taxes	15.6	25.2
Other assets	145.7	138.1
Total assets	\$2,816.2	\$2,680.5
Liabilities		
Current liabilities		
Accounts payable	\$ 198.1	\$ 175.7
Current maturities of long-term debt	0.3	0.1
Accrued expenses	169.8	178.4
Income taxes payable	6.4	14.2
Deferred income taxes	0.1	0.1
Total current liabilities	374.7	368.5
Long-term debt	716.3	716.2
Pension and other postretirement benefit liabilities	189.5	195.2
Other noncurrent liabilities	176.9	187.1
Deferred income taxes	32.9	31.6
Stockholders' equity		
Preferred stock, 20,000,000 shares authorized; none issued and outstanding	—	—
Common stock, \$.01 par value per share, 150,000,000 shares authorized; issued 49,867,522 at June 30, 2014 and 49,725,752 at December 31, 2013	0.5	0.5
Additional paid-in capital	471.5	467.9
Retained earnings	1,693.4	1,572.8
Accumulated other comprehensive income	98.2	95.7
Treasury stock, at cost, 13,966,416 shares at June 30, 2014 and 14,221,374 shares at December 31, 2013	(937.7	) (955.0
Total Cytec Industries Inc. stockholders' equity	1,325.9	1,181.9
Total liabilities and stockholders' equity	\$2,816.2	\$2,680.5
See accompanying Notes to Consolidated Financial Statements		



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CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited)

(Dollars in millions)

	Six Months Ended June 30,	
	2014	2013
Cash flows provided by (used in) operating activities		
Net earnings	\$129.5	\$70.7
Earnings (loss) from discontinued operations, net of tax	11.1	(0.7)
Net earnings from continuing operations	118.4	71.4
Adjustments to reconcile net income to net cash provided by operating activities of continuing operations:		
Depreciation	30.5	28.7
Amortization	9.0	10.4
Share-based compensation	6.3	6.3
Deferred income taxes	11.2	(20.0)
Pension and postretirement benefit expense (income)	0.5	(11.6)
Contributions to pension and postretirement plans	(6.1)	(70.8)
Asset impairment charges	—	2.9
Loss on early extinguishment of debt	—	39.4
Unrealized loss on foreign currency forward contracts	1.3	4.8
Other	—	1.6
Changes in operating assets and liabilities (excluding effects of divestitures):		
Trade accounts receivable	(41.0)	(21.2)
Other receivables	(0.6)	5.5
Inventories	(36.5)	(7.0)
Other assets	3.6	(5.7)
Accounts payable	40.8	11.2
Accrued expenses	(14.3)	(16.4)
Income taxes payable	(9.5)	(31.5)
Other liabilities	(8.6)	(4.0)
Net cash provided by (used in) operating activities of continuing operations	105.0	(6.0)
Net cash provided by (used in) operating activities of discontinued operations	0.3	(63.4)
Net cash provided by (used in) operating activities	105.3	(69.4)
Cash flows (used in) provided by investing activities:		
Additions to plants, equipment and facilities	(121.6)	(127.1)
Other investing activities, net	(0.1)	—
Net cash used in investing activities of continuing operations	(121.7)	(127.1)
Net cash provided by investing activities of discontinued operations	—	1,010.6
Net cash (used in) provided by investing activities	(121.7)	883.5
Cash flows provided by (used in) financing activities:		
Proceeds from long-term debt	0.3	633.8
Payments on long-term debt	(0.3)	(657.8)
Change in short-term borrowings, net	—	2.2
Cash dividends	(8.9)	(12.6)
Proceeds from the exercise of stock options	9.9	13.6
Purchase of treasury stock	—	(642.0)
Excess tax benefits from share-based payment arrangements	4.4	2.8
Net cash provided by (used in) financing activities	5.4	(660.0)

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Effect of currency rate changes on cash and cash equivalents	(0.6	) (5.7	)
(Decrease) increase in cash and cash equivalents	(11.6	) 148.4	
Cash and cash equivalents, beginning of period	151.8	179.3	
Cash and cash equivalents, end of period	\$140.2	\$327.7	
See accompanying Notes to Consolidated Financial Statements			

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CYTEC INDUSTRIES INC. AND SUBSIDIARIES  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
(Unaudited)

(Currencies in millions, except per share amounts, unless otherwise indicated)

1. BASIS OF PRESENTATION

The accompanying unaudited consolidated financial statements included herein have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”) for reporting on Form 10-Q and accounting principles generally accepted in the United States of America (“U.S. GAAP”) for interim reporting. Certain information and footnote disclosures normally included in our annual consolidated financial statements have been condensed or omitted pursuant to such rules and regulations.

Financial statements prepared in accordance with U.S. GAAP require management to make certain estimates and assumptions that affect the reported amounts of assets and liabilities, revenues and expenses and other disclosures. In the opinion of management, these condensed consolidated financial statements include all normal and recurring adjustments necessary for a fair presentation of the financial position and the results of our operations and cash flows for the interim periods presented.

The results of operations for any interim period are not necessarily indicative of the results of operations for the full year. These condensed consolidated financial statements should be read in conjunction with the Consolidated Financial Statements and Notes to Consolidated Financial Statements contained in the Company’s 2013 Annual Report on Form 10-K, filed with the SEC on February 21, 2014. Unless indicated otherwise, the terms “Company,” “Cyttec,” “we,” “us,” and “our” each refer collectively to Cyttec Industries Inc. and its subsidiaries.

Reclassifications

Certain amounts reported for prior years in the unaudited consolidated financial statements and accompanying notes have been reclassified to conform to the current year’s presentation.

In the consolidated statement of cash flows for the six months ended June 30, 2013, we have corrected certain immaterial prior period misclassifications, which related to proceeds received on a note receivable during the period and changes in accounts payable related to certain capital projects. These corrections resulted in a \$19.9 decrease to net cash provided by operating activities of continuing operations, a \$4.9 decrease to net cash used in investing activities of continuing operations, and an increase in net cash provided by investing activities of discontinued operations of \$15.0. The corrections did not impact our consolidated statement of income for the six months ended June 30, 2013 or consolidated balance sheet as of December 31, 2013.

2. NEW ACCOUNTING PRONOUNCEMENTS

In May 2014, the Financial Accounting Standards Board issued Accounting Standards Update (“ASU”) No. 2014-09, “Revenue from Contracts with Customers,” which will supersede current revenue recognition guidance in Accounting Standards Codification Topic 605, “Revenue Recognition.” The new standard is based on the principle that revenue is recognized to depict the transfer of goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The new standard will also result in enhanced disclosures about revenue, provide guidance for transactions that were not previously addressed comprehensively, and clarify guidance for multiple-element arrangements. This new standard will be adopted in the first quarter of 2017 using one of two prescribed transition methods. We have not yet selected a transition method and are currently evaluating the impact this guidance will have on our future consolidated financial statements and related disclosures.



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## 3. DISCONTINUED OPERATIONS AND OTHER DIVESTITURES

The following table displays summarized activity in our consolidated statements of income for discontinued operations during the three and six months ended June 30, 2014 and 2013, related to our former Coating Resins (“Coatings”) segment and other divestitures.

	Three Months Ended June 30, 2014			2013		
	Coatings	Pre- Acquisition Umeco	Total	Coatings	Distribution Product Line	Total
Net sales <sup>(1)</sup>	\$—	\$—	\$—	\$7.2	\$—	\$7.2
Earnings from operations of discontinued business before income taxes	\$—	\$—	\$—	\$—	\$—	\$—
Income tax expense on operations	—	—	—	—	—	—
Gain (loss) on sale of discontinued operations	0.5	—	0.5	22.1	(12.5 )	9.6
Income tax benefit (expense) on gain (loss) on sale	10.6	—	10.6	(37.6 )	—	(37.6 )
Earnings (loss) from discontinued operations, net of tax	\$11.1	\$—	\$11.1	\$(15.5 )	\$(12.5 )	\$(28.0 )
	Six Months Ended June 30, 2014			2013		
	Coatings	Pre- Acquisition Umeco	Total	Coatings	Distribution Product Line	Total
Net sales <sup>(1)</sup>	\$—	\$—	\$—	\$368.0	\$—	\$368.0
Earnings from operations of discontinued business before income taxes	\$—	\$—	\$—	\$48.1	\$—	\$48.1
Income tax expense on operations	—	—	—	(16.5 )	—	(16.5 )
(Loss) gain on sale of discontinued operations	(3.6 )	3.6	—	17.5	(12.5 )	5.0
Income tax benefit (expense) on (loss) gain on sale	11.1	—	11.1	(37.3 )	—	(37.3 )
Earnings (loss) from discontinued operations, net of tax	\$7.5	\$3.6	\$11.1	\$11.8	\$(12.5 )	\$(0.7 )

(1) Net sales for the three and six months ended June 30, 2013 includes sales for the first two days of April 2013 from the former Coatings business.

## Discontinued operations

## Coating Resins

On April 3, 2013, we completed the divestiture of our remaining Coatings business to Advent International (“Advent”), a global private equity firm, for a total value of \$1,133.0, including assumed liabilities of \$118.0, resulting in a cumulative after-tax loss on sale of \$16.9 in 2013. In the second quarter of 2013, we recorded an after-tax loss on the sale of \$15.5, in addition to an after-tax charge of \$4.3 in the first quarter of 2013 to adjust our carrying value of the disposal group to its fair value less cost to sell, based on the terms of the agreement. After-tax earnings from operations of the discontinued business for the six months ended June 30, 2013 were \$31.6.

In connection with the sale of the business to Advent, we agreed to retain certain liabilities, including liabilities for U.S. pension and other postretirement benefits and certain tax liabilities related to taxable periods (or portions thereof)

ending on or before April 3, 2013. During the three months ended June 30, 2014, we recorded after-tax benefits of \$0.5 and after-tax charges of \$1.3 during the six months ended June 30, 2014, related to certain of these tax liabilities. In the first quarter of 2014, we recorded after-tax charges of approximately \$1.8 for purchase price and working capital adjustments related to the divestiture. Additionally, in the second quarter of 2014, we recorded a tax benefit of \$10.6 based on our best estimate of the purchase price allocation attributable to the Coatings business sold in various taxing jurisdictions.

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The after-tax losses and the adjustment to carrying value are included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statements of income. The results of operations and gain (loss) on sale of the former Coating Resins segment have been reported as discontinued operations, and are therefore excluded from both continuing operations and segment results for all periods presented. All previously reported financial information has been revised to conform to the current presentation.

## Other divestitures

## Industrial Materials distribution product line

On July 12, 2013, we sold the Industrial Materials distribution product line, which we acquired as part of the Umeco acquisition, to Cathay Investments for \$8.6, subject to final working capital and other customary adjustments. In the second quarter of 2013, we recorded an after-tax charge of \$12.5 to adjust our carrying value of the disposal group to its fair value less cost to sell, based on the terms of the agreement. The charge is included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statements of income for the three and six months ended June 30, 2013.

The results of operations of the Industrial Materials distribution product line prior to its divestiture remained in continuing operations for all periods presented, as the results of operations for the business and assets and liabilities sold were not material to disclose as discontinued operations or assets held for sale.

As part of our acquisition accounting for Umeco in 2012, we established reserves related to income tax and value added tax liabilities of an entity that had been divested by Umeco in 2011, for periods that were under audit prior to its divestiture. We continued to accrue interest through the end of 2013. In the first quarter of 2014, we agreed to a settlement for audit periods through March 31, 2009, which resulted in a benefit of approximately \$3.6. The benefit is included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statement of income for the six months ended June 30, 2014.

## 4. RESTRUCTURING OF OPERATIONS

In accordance with our accounting policy, restructuring costs are included in our Corporate and Unallocated operating results for segment reporting purposes, which is consistent with management's view of its businesses. Aggregate pre-tax restructuring charges (credits) included in the consolidated statements of income were recorded by line item as follows:

	Three Months Ended		Six Months Ended	
	June 30, 2014	2013	June 30, 2014	2013
Manufacturing cost of sales	\$0.1	\$(0.2)	) \$0.3	\$(0.4)
Selling and technical services	—	—	—	0.2
Administrative and general	0.2	0.6	0.1	0.9
Total	\$0.3	\$0.4	\$0.4	\$0.7

Updates to our 2013 restructuring initiatives are as follows:

During the first six months of 2014, we recorded a net adjustment of \$1.2 related to the 2013 restructuring initiatives. The remaining reserve relating to the 2013 restructuring initiatives at June 30, 2014 is \$2.6.

Updates to our 2012 restructuring initiatives are as follows:

During 2013, we recorded an additional charge of \$0.9 to these initiatives. During the first six months of 2014, we recorded a net credit adjustment of \$0.8 to the 2012 restructuring initiatives. The remaining reserve relating to the 2012 restructuring initiatives at June 30, 2014 is \$3.3.

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Following are the changes in the restructuring reserve balance through the first six months of 2014:

	Restructuring Initiatives		
	2012	2013	Total
Balance at December 31, 2012	\$13.2	\$—	\$13.2
2013 charges	0.9	6.1	7.0
Non-cash items <sup>(1) (2)</sup>	—	(3.2)	(3.2)
Cash payments	(9.2)	(1.2)	(10.4)
Currency translation adjustments	(0.1)	0.1	—
Balance at December 31, 2013	\$4.8	\$1.8	\$6.6
First quarter (credits) charges	(0.1)	0.2	0.1
Non-cash items <sup>(2)</sup>	—	(0.1)	(0.1)
Cash payments	(0.4)	(0.1)	(0.5)
Balance at March 31, 2014	\$4.3	\$1.8	\$6.1
Second quarter (credits) charges	(0.7)	1.0	0.3
Non-cash items <sup>(2)</sup>	—	(0.2)	(0.2)
Cash payments	(0.3)	—	(0.3)
Balance at June 30, 2014	\$3.3	\$2.6	\$5.9

(1)Includes a \$2.8 charge for the write-off of plant assets at our manufacturing facility in Beelitz, Germany.

(2)Includes accelerated depreciation of plant assets at our California sites.

## 5. SHARE-BASED COMPENSATION

The fair value of each option or stock-settled share appreciation right (“SARS”) award is estimated on the grant date using a binomial-lattice option valuation model. Stock-settled SARS are economically valued the same as stock options. The binomial-lattice model takes into account variables such as volatility, dividend yield, and risk-free interest rate. In addition, the binomial-lattice model considers the contractual term of the option, the probability that the option will be exercised prior to the end of its contractual life, and the probability of termination or retirement of the option holder in computing the value of the option.

The weighted average assumptions for six months ended June 30, 2014 and 2013 are noted in the following table:

	Six Months Ended June 30,	
	2014	2013
Expected life (years)	6.3	6.2
Expected volatility	34.6	% 36.2
Expected dividend yield	0.63	% 0.78
Risk-free interest rate	3.00	% 1.86
Weighted-average fair value per option	\$32.79	\$26.56

The expected life of options granted is derived from the output of the option valuation model and represents the period of time that options granted are expected to be outstanding. Expected volatilities are based on the combination of implied market volatility and our historical volatility. The risk-free rate for periods within the contractual life of the option is based on the U.S. Treasury yield curve in effect at the time of grant. As share-based compensation recognized in the consolidated statement of income is based on awards ultimately expected to vest, we incorporate the probability of pre-vesting forfeiture in determining the number of expected vested options. The forfeiture rate is based on the historical forfeiture experience and prospective actuarial analysis.

### Stock Award and Incentive Plan

The 1993 Stock Award and Incentive Plan, as amended on January 31, 2012, (the “1993 Plan” or “Amended Plan”) provides for grants of a variety of awards, such as stock options (including incentive stock options and nonqualified stock options), nonvested stock (including performance stock), SARS (including those settled with common shares) and deferred stock awards and dividend equivalents. At June 30, 2014, there were approximately 4,200,000 shares reserved for issuance under the 1993 Plan, inclusive of approximately 1,900,000 shares reserved for issuance for all

outstanding share-based compensation grants.

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## Stock options and stock-settled SARS

We have utilized the stock option component of the 1993 Plan to provide for the granting of nonqualified stock options and stock-settled SARS with an exercise price at 100% of the market price on the date of the grant. Options and stock-settled SARS are generally exercisable in installments of one-third per year commencing one year after the grant date and annually thereafter, with contract lives of generally 10 years from the grant date.

A summary of stock options and stock-settled SARS activity for the six months ended June 30, 2014 is presented below:

Options and Stock-Settled SARS Activity:	Number of Units	Weighted Average Exercise Price Per Unit	Weighted Average Remaining Contractual Life (Years)	Aggregate Intrinsic Value
Outstanding at January 1, 2014	1,949,046	\$49.91		
Granted	272,803	88.27		
Exercised	(544,727)	) 50.34		
Forfeited	(26,755)	) 57.94		
Outstanding at June 30, 2014	1,650,367	\$55.99	6.6	\$81.6
Exercisable at June 30, 2014	1,082,407	\$45.61	5.4	\$64.7

During the six months ended June 30, 2014, we granted 272,803 stock options. The weighted-average grant-date fair value of the stock options granted during the six months ended June 30, 2014 and 2013 was \$32.79 and \$26.56 per share, respectively. Total pre-tax compensation cost related to stock option and stock-settled SARS was \$2.3 and \$2.7 for the three months ended June 30, 2014 and 2013, respectively, and \$4.3 and \$4.4 during the six months ended June 30, 2014 and 2013, respectively. The total intrinsic value of stock options and stock-settled SARS exercised during the six months ended June 30, 2014 and 2013 was \$23.4 and \$14.9, respectively. Treasury shares and newly issued shares have been utilized for stock option and stock-settled SARS exercises.

As of June 30, 2014, there was \$9.2 of total unrecognized compensation cost related to stock options and stock-settled SARS. That cost is expected to be recognized over a weighted-average period of 1.3 years as the majority of our awards vest over 3 years.

Total tax benefits realized from share-based awards was \$7.8 and \$4.5 for the six months ended June 30, 2014 and 2013, respectively. Cash received from stock options exercised was \$9.9 and \$13.6 for the six months ended June 30, 2014 and 2013, respectively.

## Cash-settled SARS

Our 1993 Plan also provides for the granting of cash-settled SARS, which were granted during 2004 and 2005. Cash-settled SARS are liability-classified awards. Cash used to settle cash-settled SARS exercised during the six months ended June 30, 2014 and 2013 was \$0.6 in both periods. The total amount of pre-tax (income) expense recognized for cash-settled SARS was \$(0.1) and \$0.2 for the six months ended June 30, 2014 and 2013, respectively. The liability related to our cash-settled SARS was \$0.5 at June 30, 2014 and \$1.2 at December 31, 2013.

## Nonvested stock, nonvested stock units and performance stock

The 1993 Plan provides for the issuance of nonvested stock, nonvested stock units and performance stock. Nonvested stock and stock units are subject to certain restrictions on ownership and transferability that lapse upon vesting. Performance stock payouts are based on the attainment of certain financial performance objectives and may vary depending on the degree to which the performance objectives are met. We did not grant any performance stock in 2014 and 2013, and there were no outstanding performance stock awards as of June 30, 2014.

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A summary of nonvested stock and nonvested stock units for the six months ended June 30, 2014 is presented below:

Nonvested Stock and Nonvested Stock Units:	Number of Units	Weighted Average Grant Date Fair Value Per Unit
Nonvested at January 1, 2014	158,383	\$57.64
Granted	43,998	89.01
Vested	(51,080	) 52.21
Forfeited	(1,387	) 69.78
Nonvested at June 30, 2014	149,914	\$68.59

During the six months ended June 30, 2014, we granted 35,450 nonvested stock units to employees and 8,548 shares of nonvested stock to nine directors, which generally vest on the third anniversary of the grant date. The weighted average fair value of the nonvested stock and nonvested stock units on the grant date was \$89.01 per share. The total amount of share-based compensation expense recognized for nonvested stock and nonvested stock units was \$0.9 and \$0.8 for the three months ended June 30, 2014 and 2013, respectively, and \$1.8 and \$1.7 for the six months ended June 30, 2014 and 2013, respectively. As of June 30, 2014, there was \$3.8 of total unrecognized compensation cost related to nonvested stock and nonvested stock units. That cost is expected to be recognized over a weighted-average period of 1.7 years.

Compensation cost related to all share-based compensation arrangements capitalized in inventory was approximately \$0.5 as of both June 30, 2014 and December 31, 2013.

As of June 30, 2014 and December 31, 2013, our Additional paid-in capital pool (“APIC Pool”), which represents excess tax benefits available to absorb potential future tax deficiencies, was \$86.0 and \$81.7, respectively.

As discussed in Note 5 of Notes to Consolidated Financial Statements contained in our 2013 Annual Report on Form 10-K, in 2012, in connection with the planned divestiture of Coating Resins, certain unvested stock options and restricted stock units that had been accounted for as equity awards were reclassified to be accounted for as liability awards. During the first six months of 2013, due to the change in the fair market value of Cytec’s stock, we recognized expense of \$0.9 related to these awards. The expense recorded for these liability awards was recognized in Earnings from operations of discontinued business, net of tax on the consolidated statement of income. The divestiture was completed on April 3, 2013, and accordingly the liability for these unvested options and restricted stock units was settled in cash in the second quarter of 2013. At June 30, 2014 and December 31, 2013, there is no remaining liability related to these awards.

## 6. EARNINGS PER SHARE (EPS)

Basic earnings per common share excludes dilution and is computed by dividing net earnings available to common stockholders by the weighted-average number of common shares outstanding (which includes shares outstanding, less performance and nonvested shares for which vesting criteria have not been met) plus deferred stock awards, weighted for the period outstanding. Diluted earnings per common share is computed by dividing net earnings available to common stockholders by the sum of the weighted-average number of common shares outstanding for the period adjusted (i.e., increased) for all additional common shares that would have been outstanding if potentially dilutive common shares had been issued and any proceeds of the issuance had been used to repurchase common stock at the average market price during the period. Under this method, an increase in the fair market value of the Company’s stock can result in a greater dilutive effect from potentially dilutive common shares. The proceeds are assumed to be the sum of the amount to be paid to the Company upon exercise of options, the amount of compensation cost attributed to future services and not yet recognized, and the amount of income taxes that would be credited to or deducted from capital upon exercise.

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The following table sets forth the computation of basic and diluted earnings per common share for the three and six months ended June 30, 2014 and 2013 (in thousands, except net earnings in millions and per share amounts):

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2014	2013	2014	2013
Numerator:				
Earnings from continuing operations	\$62.5	\$62.6	\$118.4	\$71.4
Earnings (loss) from discontinued operations, net of tax	11.1	(28.0 )	11.1	(1.1 )
Net earnings attributable to Cytec Industries Inc.	\$73.6	\$34.6	\$129.5	\$70.3
Denominator:				
Weighted average shares outstanding	36,153	40,826	36,050	42,910
Effect of dilutive shares:				
Options and stock-settled SARS	508	652	548	686
Nonvested shares and units	105	99	110	107
Diluted average shares outstanding	36,766	41,577	36,708	43,703
Basic earnings (loss) per common share:				
Earnings from continuing operations	\$1.73	\$1.53	\$3.28	\$1.66
Earnings (loss) from discontinued operations	0.31	(0.68 )	0.31	(0.02 )
Net earnings per common share attributable to Cytec Industries Inc.	\$2.04	\$0.85	\$3.59	\$1.64
Diluted earnings (loss) per common share:				
Earnings from continuing operations	\$1.70	\$1.51	\$3.23	\$1.63
Earnings (loss) from discontinued operations	0.30	(0.68 )	0.30	(0.02 )
Net earnings per common share attributable to Cytec Industries Inc.	\$2.00	\$0.83	\$3.53	\$1.61

The following table sets forth the anti-dilutive shares/units excluded from the above calculation because their inclusion would have had an anti-dilutive effect on earnings per share (in thousands):

	Six Months Ended	
	June 30,	
	2014	2013
Options	228	288
Stock-settled SARS	—	—
Nonvested shares and units	—	—
Total	228	288

**7. INVENTORIES**

Inventories consisted of the following:

	June 30, 2014	December 31, 2013
Finished goods	\$184.4	\$159.7
Work in progress	11.6	10.0
Raw materials and supplies	94.6	83.4
Total inventories	\$290.6	\$253.1



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## 8. DEBT

Long-term debt, including the current portion, consisted of the following:

	June 30, 2014		December 31, 2013	
	Face	Carrying Value	Face	Carrying Value
Five-year revolving credit line due June 2019	\$—	\$—	\$—	\$—
6.0% notes due October 1, 2015	141.8	141.7	141.8	141.7
8.95% notes due July 1, 2017	164.3	164.1	164.3	164.1
3.5% notes due April 1, 2023	400.0	397.6	400.0	397.4
Other	17.9	13.2	18.4	13.1
Total debt	\$724.0	\$716.6	\$724.5	\$716.3
Less: current maturities	(0.3	) (0.3	) (0.1	) (0.1
Long-term debt	\$723.7	\$716.3	\$724.4	\$716.2

All of the outstanding notes are unsecured and may be repaid in whole or in part, at our option at any time subject to a prepayment adjustment.

## Debt issuances and repurchases

On March 12, 2013, we issued \$400.0 aggregate principal amount of 3.5% senior unsecured notes due April 1, 2023 (“3.5% notes”), which resulted in \$394.6 in net proceeds after original issue discount and underwriting fees. In addition, on February 26, 2013, we called for the redemption of our 4.6% notes due July 1, 2013 (“4.6% notes”), and commenced offers to purchase our 6.0% notes due October 1, 2015 (“6.0% notes”) and our 8.95% notes due July 1, 2017 (“8.95% notes”). In March 2013, we applied the net proceeds from the issuance of the 3.5% notes as follows: (1) to redeem all \$135.2 principal amount of our 4.6% notes for a purchase price of \$136.8 plus accrued interest of \$1.5; (2) to repurchase \$107.8 principal amount of our 6.0% notes for a purchase price of \$121.1 plus accrued interest of \$3.1; and (3) to repurchase \$85.1 principal amount of our 8.95% notes for a purchase price of \$108.3 plus accrued interest of \$1.8. The redemption of the 4.6% notes and repurchase of the 6.0% and 8.95% notes resulted in a loss of \$39.4 including transaction costs, which is included in Net loss on early extinguishment of debt in the accompanying consolidated statement of income for the six months ended June 30, 2013.

## Revolving Credit Facility

At June 30, 2014, there were no borrowings outstanding under the Revolving Credit Facility (the “Facility”), and \$400.0 was available for borrowing under the Facility. Under the terms of the Facility, in June 2014, we extended the term of the Facility one year to June 28, 2019. We are required to comply with certain customary financial covenants under the Revolving Credit Facility: (i) the ratio of consolidated total debt to consolidated earnings before interest, taxes, depreciation and amortization (“EBITDA”); and (ii) the ratio of consolidated EBITDA to consolidated interest expense. We are in compliance with these covenants and expect to be in compliance for the foreseeable future.

## Fair value

At June 30, 2014 and December 31, 2013, the fair value of our debt was \$755.9 and \$731.2, respectively. The fair value of our debt is based on Level 2 inputs, as defined in Note 15. These inputs include a discounted cash flow analysis which incorporates the contractual terms of the notes and observable market-based inputs that include time value, interest rate curves, and credit spreads.

## Interest

The weighted-average interest rate on all of our debt was 5.33% as of both June 30, 2014 and 2013. We had no short-term borrowings outstanding at both June 30, 2014 and December 31, 2013.

## 9. ENVIRONMENTAL, CONTINGENCIES AND COMMITMENTS

## Environmental Matters

We are subject to substantial costs arising out of environmental laws and regulations, which include obligations to remove or limit the effects on the environment of the disposal or release of certain wastes or substances at various sites or to pay compensation to others for doing so.



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As of June 30, 2014 and December 31, 2013, the aggregate environmental related accruals were \$61.1 and \$63.1, respectively, of which \$11.9 was included in accrued expenses for both periods, with the remainder of \$49.2 and \$51.2 included in other noncurrent liabilities as of June 30, 2014, and December 31, 2013, respectively.

Environmental remediation spending for the three months ended June 30, 2014 and 2013 was \$1.3 and \$2.1, respectively, and for the six months ended June 30, 2014 and 2013 was \$2.2 and \$3.7, respectively.

We review our environmental remediation accruals quarterly. From time to time, we adjust our environmental related accruals based on new information. During the six months ended June 30, 2014, our adjustments resulted in a net increase of \$0.2 in our environmental related accruals, consisting of a decrease of \$1.5 related primarily to an inactive U.S. site to revise its projected remediation costs based on new findings and approval of risk assessments by the regulatory authorities, offset by an increase of \$1.7 related to several other sites.

Our environmental related accruals can change substantially due to such factors as additional information on the nature or extent of contamination, methods of remediation required, changes in the apportionment of costs among responsible parties, and other actions by governmental agencies or private parties, or if we are named in a new matter and determine that an accrual needs to be provided, or if we determine that we are not liable and no longer require an accrual.

A further discussion of environmental matters can be found in Note 12 of Notes to Consolidated Financial Statements contained in our 2013 Annual Report on Form 10-K.

Other Contingencies

We are the subject of numerous lawsuits and claims incidental to the conduct of our or certain of our predecessors' businesses, including lawsuits and claims relating to product liability and personal injury, including asbestos, environmental, contractual, employment and intellectual property matters.

As of June 30, 2014 and December 31, 2013, the aggregate self-insured and insured contingent liability was \$46.5 and \$46.9, respectively, and the related insurance recovery receivable for the liability as well as claims for past payments was \$19.9 and \$20.0 at June 30, 2014 and December 31, 2013, respectively. The asbestos liability included in the above amounts at June 30, 2014 and December 31, 2013 was \$37.7 and \$37.9, respectively, and the insurance receivable related to the liability as well as claims for past payments was \$19.5 and \$19.6 at June 30, 2014 and December 31, 2013, respectively. We anticipate receiving a net tax benefit for payment of those claims for which full insurance recovery is not realized.

Asbestos

We, like many other industrial companies, have been named as one of hundreds of defendants in a number of lawsuits filed in the U.S. by persons alleging bodily injury from asbestos. The claimants allege exposure to asbestos at facilities that we own or formerly owned, or from products that we formerly manufactured for specialized applications. Most of these cases involve numerous defendants, sometimes as many as several hundred. Historically, most of the closed asbestos claims against us have been dismissed without any indemnity payment by us; however, we can make no assurances that this pattern will continue.

The following table presents information about the number of claimants involved in asbestos claims with us:

	Six Months Ended June 30, 2014	Year Ended December 31, 2013
Number of claimants at beginning of period	8,100	8,000
Number of claimants associated with claims closed during period	—	(100)
Number of claimants associated with claims opened during period	—	200
Number of claimants at end of period	8,100	8,100

Numbers in the foregoing table are rounded to the nearest hundred and are based on information as received by us which may lag actual court filing dates by several months or more. Claims are recorded as closed when a claimant is dismissed or severed from a case. Claims are opened whenever a new claim is brought, including from a claimant previously dismissed or severed from another case.

Our asbestos related contingent liabilities and related insurance receivables are based on an actuarial study performed by a third party, which is updated every three years. During the third quarter of 2012, we completed an actuarial study of our asbestos related contingent liabilities and related insurance receivables, which will be updated again in the third

quarter of 2015. The study is based on, among other things, the incidence and nature of historical claims data through June 30, 2012, the incidence of malignancy claims, the severity of indemnity payments for malignancy and non-malignancy claims, dismissal rates by claim

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type, estimated future claim frequency, settlement values and reserves, and expected average insurance recovery rates by claim type. The study assumes liabilities through 2049.

In 2012, as a result of our findings, we recorded a decrease of \$2.1 to our self-insured and insured contingent liabilities for indemnity costs for pending and anticipated probable future claims and recorded a decrease of \$1.0 related to receivables for probable insurance recoveries for these pending and future claims. The reserve decrease was attributable to lower projected claim filings offset by more severe malignancy rates and settlement value projections. The decrease in the receivable was a result of the lower gross liability and a shift in the types of future claims expected. Overall, we expect to recover approximately 48% of our future indemnity costs. We have completed Coverage-In-Place-Agreements with most of our larger insurance carriers.

The ultimate liability and related insurance recovery for all pending and anticipated future claims cannot be determined with certainty due to the difficulty of forecasting the numerous variables that can affect the amount of the liability and insurance recovery. These variables include but are not limited to: (i) significant changes in the number of future claims; (ii) significant changes in the average cost of resolving claims; (iii) changes in the nature of claims received; (iv) changes in the laws applicable to these claims; and (v) financial viability of co-defendants and insurers.

### Lead Pigment

Over the past 20 years we have been named as defendants in more than fifty cases in the U.S. in which plaintiffs assert claims for personal injury, property damage, and other claims for relief relating to one or more kinds of lead pigment that were used as an ingredient decades ago in architectural paint. Eight lead ingestion personal injury cases remain outstanding. The different suits were brought by government entities and/or individual plaintiffs, on behalf of themselves and others. The suits variously sought compensatory and punitive damages and/or injunctive relief, including funds for the cost of monitoring, detecting and removing lead based paint from buildings and for medical monitoring; for personal injuries allegedly caused by ingestion of lead based paint; and plaintiffs' attorneys' fees. We settled one of these cases in 2005 for an immaterial amount in order to avoid litigation costs. In all of the others, we prevailed in court or were dismissed as a defendant.

We currently are one of several defendants in eight personal injury lead ingestion cases, consisting of 172 plaintiffs venued in federal and state courts in Milwaukee, Wisconsin. One of the eight cases consists of 164 claimants, each alleging personal injury as a result of the ingestion of white lead carbonate in paint. The remaining seven cases consist of less than 10 total plaintiffs. We believe that the eight personal injury cases against us are without merit.

In July 2005, in a case in which we were one of several defendants, the Supreme Court of Wisconsin held that Wisconsin's risk contribution doctrine applies to bodily injury cases against manufacturers of white lead pigment. Under this doctrine, manufacturers of white lead pigment may be liable for injuries caused by white lead pigment based on their past market shares, unless they can prove they are not responsible for the white lead pigment which caused the injury in question. Seven of the eight personal injury cases, including the personal injury case consisting of 164 plaintiffs, were filed before January 2011, when the Wisconsin legislature passed legislation that will make it substantially more difficult to bring lead suits in the future, including a 25 year statute of repose. In June 2013, the Governor of Wisconsin signed into law the biennial budget which contained within it a provision that retroactively applies the 2011 law to all claims of lead poisoning whether filed or accrued. The defendants, including the Company, moved to dismiss the personal injury lead cases pending in Wisconsin state court pursuant to the new law. By decision dated March 2014 in the Wisconsin state court case styled Clark et al. v. American Cyanamid Company et al., the court denied the defendants motion holding unconstitutional the retroactive application of the new law. The defendants, including the Company, appealed the decision.

Also, in 2010, the United States District Court for the Eastern District of Wisconsin held that the risk contribution theory imposed by the Wisconsin Supreme Court for lead pigment violates the due process clause set forth in the 14th Amendment to the United States Constitution. The Court's decision was appealed to the United States Circuit Court of Appeals for the Seventh Circuit. The Seventh Circuit Court of Appeals also requested that the parties brief the constitutionality of the new retroactivity provision in the biennial budget. A decision from the Seventh Circuit Court of Appeals remains pending.

Finally, in July 2009, the Wisconsin Supreme Court, in the case styled Ruben Godoy et al v. E.I. DuPont de Nemours et al., upheld a lower court's decision dismissing the plaintiff's strict liability and negligent defect causes of action for

white lead carbonate. The decision in these cases, the new statutory law in Wisconsin, and our non-existent or diminutive market share, reinforces our belief that we have no liability in any of the eight Wisconsin cases, and accordingly, we have not recorded a loss contingency.

We have access to a substantial amount of primary and excess general liability insurance for public nuisance and believe these policies are available to cover a significant portion of both our defense costs and indemnity costs, if any, for lead pigment

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related public nuisance claims. We have agreements with two of our insurers to date which provide that they will pay for approximately fifty percent (50%) of our defense costs associated with lead pigment related public nuisance claims.

**Other**

Periodically, we enter into settlement discussions for lawsuits or claims for which we have meritorious defenses and for which an unfavorable outcome against us is not probable. In such instances, no loss contingency is recorded since a loss is not probable and it is our policy to expense defense costs as incurred. Typically, we consider these types of settlements in fairly limited circumstances usually related to the avoidance of future defense costs and/or the elimination of any risk of an unfavorable outcome. Such settlements, if any, are recorded when it is probable a liability has been incurred, typically upon entering into a settlement agreement.

While it is not feasible to predict the outcome of all pending environmental matters, lawsuits and claims, it is reasonably possible that there will be a necessity for future provisions for costs for environmental matters and for other contingent liabilities that we believe, will not have a material adverse effect on our consolidated financial position, but could be material to our consolidated results of operations or cash flows in any one accounting period. We cannot estimate any additional amount of loss or range of loss in excess of the recorded amounts. Moreover, many of these liabilities are paid over an extended period, and the timing of such payments cannot be predicted with any certainty.

From time to time, we are also included in legal proceedings as a plaintiff involving tax, contract, patent protection, environmental and other legal matters. Gain contingencies related to these matters, if any, are recorded when they are realized.

A further discussion of other contingencies can be found in Note 12 of Notes to Consolidated Financial Statements contained in our 2013 Annual Report on Form 10-K.

**Commitments**

We frequently enter into long-term contracts with customers with terms that vary depending on specific industry practices. Our business is not substantially dependent on any single contract or any series of related contracts. Descriptions of our significant sales contracts at December 31, 2013 are set forth in Note 12 of Notes to Consolidated Financial Statements contained in our 2013 Annual Report on Form 10-K.

**10. COMPREHENSIVE INCOME (LOSS)**

The components of comprehensive income (loss), which represents the change in equity from non-owner sources, for the three and six months ended June 30, 2014 and 2013 are as follows:

	Three Months Ended		Six Months Ended		
	June 30,		June 30,		
	2014	2013	2014	2013	
Net earnings	\$73.6	\$34.6	\$129.5	\$70.7	
Other comprehensive income:					
Accumulated pension liability, net of tax	(0.5	) 17.7	(0.9	) 17.3	
Foreign currency translation adjustments	9.3	(75.5	) 3.4	(101.9	)
Comprehensive income (loss)	\$82.4	\$(23.2	) \$132.0	\$(13.9	)
Less: Comprehensive income (loss) attributable to noncontrolling interest	—	—	—	(0.2	)
Comprehensive income (loss) attributable to Cytect Industries Inc.	\$82.4	\$(23.2	) \$132.0	\$(14.1	)

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The following table presents changes in accumulated other comprehensive income (“AOCI”) by component for the three and six months ended June 30, 2014 and 2013:

	Three Months Ended June 30, 2014			2013		
	Accumulated Pension Liabilities	Cumulative Translation Adjustments	Total	Accumulated Pension Liabilities	Cumulative Translation Adjustments	Total
Balance, beginning of period	\$8.2	\$81.2	\$89.4	\$(8.2	) \$137.3	\$129.1
Other comprehensive income before reclassifications	—	9.3	9.3	—	(17.7	) (17.7
Amounts reclassified from AOCI	(0.5	) —	(0.5	) 17.7	(57.9	) (40.2
Net current period OCI	(0.5	) 9.3	8.8	17.7	(75.6	) (57.9
Balance, end of period	\$7.7	\$90.5	\$98.2	\$9.5	\$61.7	\$71.2
	Six Months Ended June 30, 2014			2013		
	Accumulated Pension Liabilities	Cumulative Translation Adjustments	Total	Accumulated Pension Liabilities	Cumulative Translation Adjustments	Total
Balance, beginning of period	\$8.6	\$87.1	\$95.7	\$(7.8	) \$163.5	\$155.7
Other comprehensive income before reclassifications	—	3.4	3.4	—	(43.9	) (43.9
Amounts reclassified from AOCI	(0.9	) —	(0.9	) 17.3	(57.9	) (40.6
Net current period OCI	(0.9	) 3.4	2.5	17.3	(101.8	) (84.5
Balance, end of period	\$7.7	\$90.5	\$98.2	\$9.5	\$61.7	\$71.2

The following table presents a summary of reclassification adjustments out of AOCI for the three and six months ended June 30, 2014 and 2013:

Details of AOCI component	Three Months Ended June 30,		Six Months Ended June 30,		Affected line item in the Consolidated Statements of Income
	2014	2013	2014	2013	
Amortization of defined benefit pension items					
Prior service costs	\$(0.7	) \$(0.8	) \$(1.4	) \$(1.6	) <sup>(1)</sup>
	(0.7	) (0.8	) (1.4	) (1.6	) Total before tax
	0.2	0.3	0.5	0.7	Tax benefit
	\$(0.5	) (0.5	) (0.9	) \$(0.9	) Net of tax
Impact from sale of Coating Resins	—	18.2	—	18.2	Net gain (loss) on sale of discontinued operations, net of tax
Total pension reclassifications	\$(0.5	) \$17.7	\$(0.9	) \$17.3	
Cumulative translation adjustments					
Impact from sale of Coating Resins	\$—	\$(57.9	) \$—	\$(57.9	) Net gain (loss) on sale of discontinued operations, net of



tax

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- (1) These accumulated other comprehensive income components are included in the computation of net periodic pension cost, and allocated to various line items on the consolidated statements of income, primarily manufacturing cost of sales. See Note 16 - Employee Benefit Plans for additional information on net periodic pension cost.

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11. INCOME TAXES

The effective tax rate for continuing operations for the three and six months ended June 30, 2014 was a tax provision of 30.9%, or \$28.0, and 27.9%, or \$45.8, respectively, compared to a tax provision of 29.6%, or \$26.4, and 25.4%, or \$24.3, respectively, for the three and six months ended June 30, 2013. The effective tax rate for the three months ended June 30, 2014 was consistent with our underlying annualized effective rate of 31.0% given the absence of any significant non-recurring transactional events. The effective tax rate for the six months ended June 30, 2014 was favorably impacted by a tax benefit of \$5.4 attributable to the reversal of certain tax reserves due to the settlement of tax audits and the expiration of the statute of limitations for the U.S. and other international jurisdictions. The rate was unfavorably impacted by tax expense of \$2.3 related to pension and other postretirement benefit mark-to-market adjustments.

As of June 30, 2014, the amount of gross unrecognized tax benefits for continuing operations is \$11.1 (excluding interest) of which \$10.7 would impact our effective tax rate, if recognized. The amount of gross unrecognized tax benefits at December 31, 2013 for continuing operations was \$16.7 (excluding interest), of which \$15.4 would impact our effective tax rate, if recognized.

We recognize interest and penalties related to unrecognized tax benefits in income tax expense in the consolidated statements of income. We had recorded a liability for the payment of interest and penalties (gross) for continuing operations, of approximately \$1.7 as of December 31, 2013. Activity for the six months ended June 30, 2014 included a \$0.2 increase for additional accruals and foreign exchange, which was offset by \$0.6 due to settlements, thus resulting in a liability for the payment of interest of \$1.3 as of June 30, 2014.

12. OTHER FINANCIAL INFORMATION

Dividends

On April 22, 2014, the Board of Directors declared a \$0.125 per common share cash dividend, payable on May 27, 2014 to shareholders of record as of May 9, 2014. Cash dividends paid in the second quarter of 2014 and 2013 were \$4.4 and \$5.2, respectively, and for the six months ended June 30, 2014 and 2013 were \$8.9 and \$12.6, respectively. Dividends paid in the first six months of 2013 include \$1.8 paid by a majority owned subsidiary to its minority shareholder. On July 17, 2014, the Board of Directors declared a \$0.25 per common share cash dividend, payable on August 25, 2014 to shareholders of record as of August 11, 2014.

Income taxes paid

Income taxes paid for the six months ended June 30, 2014 and 2013 were \$45.6 and \$79.9, respectively. Included in 2013 is approximately a \$21.0 corporate income tax payment primarily related to the divestiture of the PSA product line in 2012, which was statutorily due on December 17, 2012, but was deferred to February 1, 2013 as the Internal Revenue Service provided special tax relief for taxpayers in the federally-declared disaster areas struck by Hurricane Sandy.

Interest

Interest paid for the six months ended June 30, 2014 and 2013 was \$18.7 and \$25.3, respectively. Interest income for the six months ended June 30, 2014 and 2013 was \$0.3 and \$1.0, respectively.

Stock repurchases

During the three and six months ended June 30, 2013, we repurchased 7,573,677 and 8,777,176 shares of our common stock at a total cost of \$552.2 and \$642.0, respectively. There were no repurchases during three and six months ended June 30, 2014. There are no amounts remaining under the buyback program as of June 30, 2014.

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## 13. SEGMENT INFORMATION

As discussed in Note 3, the former Coating Resins segment is reported as discontinued operations for all periods presented.

Summarized segment information for our four continuing segments for the three and six months ended June 30, 2014 and 2013 is as follows:

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
Net sales:	2014	2013	2014	2013
Aerospace Materials				
Sales to external customers	\$262.4	\$249.9	\$505.9	\$485.9
Intersegment sales	0.1	0.2	0.1	0.3
Industrial Materials	86.5	85.0	169.7	169.0
In Process Separation	103.9	106.4	200.0	195.2
Additive Technologies				
Sales to external customers	74.3	72.5	140.6	141.1
Intersegment sales	—	0.1	—	0.3
Net sales from segments	527.2	514.1	\$1,016.3	\$991.8
Elimination of intersegment revenue	(0.1	) (0.3	) (0.1	) (0.6
Total consolidated net sales	\$527.1	\$513.8	\$1,016.2	\$991.2
	Earnings from operations:			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2014	% of Sales	2013	% of Sales
Aerospace Materials	\$52.7	20 %	\$54.6	22 %
Industrial Materials	9.6	11 %	5.0	6 %
In Process Separation	28.5	27 %	28.4	27 %
Additive Technologies	10.4	14 %	12.2	17 %
Earnings from segments	101.2	19 %	100.2	19 %
Corporate and Unallocated, net <sup>(1)</sup> <sup>(2)</sup>	(7.7	)	1.3	(3.6
Total earnings from operations	\$93.5	18 %	\$101.5	20 %

For the three and six months ended June 30, 2014, Corporate and Unallocated includes restructuring charges of \$0.3 and \$0.4, respectively, related to prior year initiatives. For the six months ended June 30, 2014, Corporate and Unallocated includes benefits of \$6.2 for net MTM adjustments of our pension and postretirement benefit plans representing the impact of inventory capitalization related to the fourth quarter 2013 MTM adjustment. For the three and six months ended June 30, 2013, Corporate and Unallocated includes benefits of \$8.2 and \$1.9,

(1) respectively, for net MTM adjustments of our pension and postretirement benefit plans representing the impact of inventory capitalization related to the fourth quarter 2012 MTM adjustment and the remeasurement of our U.S. plans triggered by the curtailment of the plans resulting from the Coatings business divestiture on April 3, 2013. It also includes charges of \$2.9 for the write down of certain manufacturing assets in our Nagpur, India facility, restructuring charges of \$0.4 and \$0.7, respectively, primarily for our 2013 initiatives, and charges of \$0.2 and \$0.4, respectively, related to costs to divest the Umeco distribution business.

Corporate and Unallocated also included costs previously allocated to the operations of our discontinued Coating Resins segment of \$12.2 for the six months ended June 30, 2013. The 2013 amount included in Corporate and  
(2) Unallocated relates to the period prior to the divestiture and, as required, these costs were allocated to the remaining operating segments beginning in the second quarter of 2013, following the sale.



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## 14. GOODWILL AND OTHER ACQUISITION INTANGIBLES

The following is the activity in the goodwill balances for each segment.

	Aerospace Materials	Industrial Materials	In Process Separation	Additive Technologies	Total
Balance at December 31, 2013:	\$238.5	\$186.1	\$68.9	\$27.8	\$521.3
2014 Activity:					
Foreign currency translation adjustments	1.8	1.4	(0.2)	—	3.0
Balance at June 30, 2014:	\$240.3	\$187.5	\$68.7	\$27.8	\$524.3

Other acquisition intangibles consisted of the following major classes:

	Weighted Average Useful Life (years)	Gross Carrying Value	Accumulated Amortization	Net Carrying Value			
	2014	June 30, 2014	December 31, 2013	June 30, 2014	December 31, 2013		
Technology-based	14.4	\$50.0	\$48.6	\$(25.6)	\$(23.8)	\$24.4	\$24.8
Marketing-related	10.1	14.4	14.3	(7.1)	(6.5)	7.3	7.8
Customer-related	15.8	157.9	156.2	(32.8)	(27.7)	125.1	128.5
Total		\$222.3	\$219.1	\$(65.5)	\$(58.0)	\$156.8	\$161.1

Amortization of acquisition intangibles for the three months ended June 30, 2014 and 2013 was \$3.7 and \$3.8, respectively, and for the six months ended June 30, 2014 and 2013 was \$7.3 and \$7.5, respectively.

Assuming no change in the gross carrying amount of acquisition intangibles and the 2014 average currency exchange rates remain constant, the estimated future amortization expense for the next five years are as follows:

	2014	2015	2016	2017	2018	2019
Intangibles amortization expense	\$15.0	\$15.0	\$14.6	\$13.3	\$11.9	\$11.0

## 15. DERIVATIVE FINANCIAL INSTRUMENTS AND COMMODITY HEDGING ACTIVITIES

## Foreign Currency Derivative and Hedging Activities

## Currency forward contracts

We periodically enter into currency forward contracts primarily to hedge currency fluctuations of transactions denominated in currencies other than the functional currency of the respective entity. At June 30, 2014, the principal transactions hedged involved accounts receivable and accounts payable. When hedging currency exposures, our practice is to economically hedge such exposures with forward contracts denominated in the same currency and with similar critical terms as the underlying exposure, and therefore, the instruments are effective at generating offsetting changes in the fair value, cash flows or future earnings of the hedged item or transaction. The fair values of forward contracts are calculated each period. These forward contracts are not defined as hedging instruments and therefore, all changes in fair values are reported in Other expense, net.

At June 30, 2014, net contractual notional amounts of forward contracts outstanding translated into U.S. dollars ("USD") totals \$259.2. Of this total, \$175.4 was attributed to the exposure in forward selling/purchase of USD, and \$83.8 was attributable to the exposure in forward selling/purchase of Euros translated into USD equivalent amounts. The net favorable fair values of currency contracts, based on forward exchange rates at June 30, 2014 and December 31, 2013 were \$0.1 and \$1.4, respectively.

## Credit risk

At June 30, 2014, we did not have derivative instruments that contained credit-related-risk contingent features or provisions that would trigger immediate settlement or require us to post collateral to our counterparties. Also as of June 30, 2014, we did not have any significant concentration of credit risk arising from our derivative instruments.



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The following tables summarize the impact of derivative instruments on our consolidated balance sheets and consolidated statements of income:

	Asset Derivatives				Liability Derivatives			
	June 30, 2014		December 31, 2013		June 30, 2014		December 31, 2013	
Derivatives not designated as hedging instruments:	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value
Foreign currency forwards	Other current assets	\$1.8	Other current assets	\$2.3	Accrued expenses	\$1.7	Accrued expenses	\$0.9

The following table summarizes the amount and location of gains recognized in income for our derivatives not designated as hedges for the three and six months ended June 30, 2014 and 2013:

	Location of Gain or (Loss) Recognized in Income on Derivative	Amount of Gain or (Loss) Recognized in Income on Derivative	
		Three Months Ended June 30, 2014	Six Months Ended June 30, 2013
Derivatives not designated as hedging instruments:			
Foreign currency forwards	Other expense, net	\$(3.0 )	\$(10.4 )
			\$(3.7 )
			\$1.7

**Fair Value Measurements**

We have certain assets and liabilities that are carried at fair value on a recurring basis in the financial statements, for which we determine the appropriate level in the fair value input hierarchy for each fair value measurement. The fair value hierarchy prioritizes the inputs, which refer broadly to assumptions market participants would use in pricing an asset or liability, into three levels. It gives the highest priority to quoted prices in active markets for identical assets or liabilities and the lowest priority to unobservable inputs. The level in the fair value hierarchy within which a fair value measurement in its entirety falls is determined based on the lowest level input that is significant to the fair value measurement in its entirety. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Company has the ability to access at the measurement date. Level 2 inputs are inputs other than quoted prices within Level 1 that are observable for the asset or liability, either directly or indirectly, such as quoted prices for similar assets or liabilities in active markets, interest rates, exchange rates, and yield curves observable at commonly quoted intervals. Level 3 inputs are unobservable inputs for the asset or liability.

All of our derivatives are valued based on Level 2 inputs. Our currency forwards are valued based on readily available published indices for commodity prices and currency exchange rates.

The net fair value of our foreign currency forward contracts, based on Level 2 inputs, at June 30, 2014 was approximately \$0.1.

As of June 30, 2014, we did not have any non-financial assets and liabilities that are carried at fair value on a recurring basis in the consolidated financial statements or for which a fair value measurement was required for the six months ended June 30, 2014. Included among our non-financial assets and liabilities that are not required to be measured at fair value on a recurring basis are plant, equipment and facilities, goodwill, acquisition intangibles, and asset retirement obligations. For more information regarding our hedging activities and derivative financial instruments, refer to Note 7 of Notes to Consolidated Financial Statements contained in our 2013 Annual Report on Form 10-K.

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## 16. EMPLOYEE BENEFIT PLANS

Net periodic cost for our pension and postretirement benefit plans was as follows:

	Pension Plans		Postretirement Plans		
	2014	2013	2014	2013	
Three Months Ended June 30,					
Service cost	\$0.9	\$1.2	\$0.2	\$0.3	
Interest cost	11.0	9.9	2.0	1.7	
Expected return on plan assets	(12.8	) (13.6	) (0.4	) (0.4	)
Net amortization	0.1	0.1	(0.7	) (0.9	)
Curtailement gain <sup>(1)</sup>	—	(1.7	) —	(6.0	)
Mark-to-market adjustment	—	(5.3	) —	(3.0	)
Net periodic (benefit) cost	\$(0.8	) \$(9.4	) \$1.1	\$(8.3	)
	Pension Plans		Postretirement Plans		
	2014	2013	2014	2013	
Six Months Ended June 30,					
Service cost	\$1.8	\$2.4	\$0.4	\$0.5	
Interest cost	21.9	19.8	4.0	3.4	
Expected return on plan assets	(25.6	) (27.2	) (0.7	) (0.8	)
Net amortization	0.1	0.1	(1.5	) (1.7	)
Curtailement gain <sup>(1)</sup>	—	(1.7	) —	(6.0	)
Mark-to-market adjustment	—	(5.3	) —	(3.0	)
Net periodic (benefit) cost	\$(1.8	) \$(11.9	) \$2.2	\$(7.6	)

<sup>(1)</sup> Curtailement gains relate to the Coatings divestiture, and are included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statements of income.

We disclosed in our 2013 Annual Report on Form 10-K that we expected to contribute \$6.3 and \$9.8 in 2014 to our pension and postretirement plans, respectively. Through June 30, 2014, actual contributions to our continuing pension and postretirement plans were \$3.5 and \$2.6, respectively.

We also sponsor various defined contribution retirement plans in the United States and a number of other countries, consisting primarily of savings and profit growth sharing plans. Contributions to the savings plans are based in part on matching a percentage of employees' contributions. Contributions to the profit growth sharing plans are generally based on our financial performance. Amounts expensed related to these plans for the three months ended June 30, 2014 and 2013 were \$5.8 and \$5.1, respectively, and for the six months ended June 30, 2014 and 2013 were \$12.5 and \$13.0, respectively.



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## 17. SUBSEQUENT EVENT

On July 17, 2014, the Board of Directors declared a 2-for-1 split on our common stock in the form of a stock dividend. The stock dividend will be distributed on September 17, 2014 to shareholders of record as of the close of business on September 2, 2014. Shareholders on the record date will be entitled to receive one additional share for every share they own on that date. The pro forma effect on the June 30, 2014 and December 31, 2013 balance sheet is to reduce Additional paid-in-capital by \$0.5 and increase Common stock by \$0.5. Common shares outstanding, giving retroactive effect to the stock split at June 30, 2014 and December 31, 2013, would be approximately 71,800,000 and 71,000,000, respectively.

All share and per share data presented in the accompanying unaudited consolidated financial statements and notes to consolidated financial statements have not been adjusted for the stock split, however will be retroactively adjusted during the quarter ended September 30, 2014.

Pro forma share and per share data, giving retrospective effect to the stock split, would be as follows:

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2014	2013	2014	2013
Numerator (as reported):				
Earnings from continuing operations	\$ 62.5	\$ 62.6	\$ 118.4	\$ 71.4
Earnings (loss) from discontinued operations, net of tax	11.1	(28.0 )	11.1	(1.1 )
Net earnings attributable to Cytec Industries Inc.	\$ 73.6	\$ 34.6	\$ 129.5	\$ 70.3
Denominator (post-stock split):				
Weighted average shares outstanding, pro forma	72,306	81,652	72,100	85,821
Diluted average shares outstanding, pro forma	73,533	83,153	73,415	87,406
Basic earnings (loss) per share (post-stock split):				
Earnings from continuing operations, pro forma	\$ 0.86	\$ 0.77	\$ 1.64	\$ 0.83
Earnings (loss) from discontinued operations, pro forma	0.16	(0.34 )	0.16	(0.01 )
Pro forma net earnings per common share attributable to Cytec Industries Inc.	\$ 1.02	\$ 0.43	\$ 1.80	\$ 0.82
Diluted earnings (loss) per share (post-stock split):				
Earnings from continuing operations, pro forma	\$ 0.85	\$ 0.75	\$ 1.61	\$ 0.82
Earnings (loss) from discontinued operations, pro forma	0.15	(0.33 )	0.15	(0.01 )
Pro forma net earnings per common share attributable to Cytec Industries Inc.	\$ 1.00	\$ 0.42	\$ 1.76	\$ 0.81

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Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis should be read in conjunction with the Consolidated Financial Statements and Notes to Consolidated Financial Statements. Currency amounts are in millions, except per share amounts. Percentages are approximate.

GENERAL

Overview

We are a global specialty materials and chemicals company focused on developing, manufacturing and selling value-added products. Our products serve a diverse range of end markets including aerospace and industrial materials, mining, and plastics. Sales price and volume by region and the impact of exchange rates on our reporting segments are important measures that are analyzed by management and are provided in our segment analysis.

We report net sales in four geographic regions: North America, Latin America, Asia/Pacific and Europe/Middle East/Africa. The destination of the sale determines the region under which it is reported, which is consistent with management's view of the business. North America consists of the United States and Canada. Latin America includes Mexico, Central America, South America and the Caribbean Islands. Asia/Pacific is comprised of Asia, Australia and the islands of the South Pacific Rim.

Increasing selling volumes, geographic expansion, and new product introductions are important factors of our profitability. Selling price changes and raw material cost changes year on year are also important factors of our profitability especially in years of high volatility. See our Segment Results for discussion of the year to year impact of these important factors.

Segments

We have four reportable business segments: Aerospace Materials, Industrial Materials, In Process Separation and Additive Technologies. The Aerospace Materials segment principally includes advanced composites, carbon fiber, and structural film adhesives. The Industrial Materials segment includes structural composite materials (high performance automotive, motorsports, recreation, tooling and other structural materials markets) and process materials (aerospace, wind energy, and other process materials markets). The In Process Separation segment includes mining chemicals and phosphines. The Additive Technologies segment includes polymer additives, specialty additives and formulated resins. We regularly review our segment reporting and classifications and may periodically change our reportable segments to align with operational changes.

As discussed below, the former Coating Resins segment was sold on April 3, 2013, and is reported as discontinued operations for all periods presented.

Discontinued operations

Coating Resins

On April 3, 2013, we completed the sale of our remaining Coating Resins ("Coatings") business to Advent International ("Advent"), a global private equity firm, for a total value of \$1,133.0, including assumed liabilities of approximately \$118.0, resulting in a cumulative after-tax loss on sale of \$16.9 in 2013. In the second quarter of 2013, we recorded an after-tax loss on the sale of \$15.5, in addition to an after-tax charge of \$4.3 in the first quarter of 2013 to adjust our carrying value of the disposal group to its fair value less cost to sell, based on the terms of the agreement. After-tax earnings from operations of the discontinued business for the six months ended June 30, 2013 were \$31.6.

In connection with the sale of the business to Advent, we agreed to retain certain liabilities, including liabilities for U.S. pension and other postretirement benefits and certain tax liabilities related to taxable periods (or portions thereof) ending on or before April 3, 2013. During the three months ended June 30, 2014, we recorded after-tax benefits of \$0.5 and after-tax charges of \$1.3 during the six months ended June 30, 2014, related to certain of these tax liabilities. In the first quarter of 2014, we recorded after-tax charges of approximately \$1.8 for purchase price and working capital adjustments related to the divestiture. Additionally, in the second quarter of 2014, we recorded a tax benefit of \$10.6 based on our best estimate of the purchase price allocation attributable to the Coatings business sold in various taxing jurisdictions.

The after-tax losses and the adjustment to carrying value are included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statements of income. The results of operations and gain (loss) on sale of the

former Coating Resins segment have been reported as discontinued operations, and are therefore excluded from both continuing operations and segment results for all periods presented. All previously reported financial information has been revised to conform to the current presentation.

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## Other divestitures

## Sale of the Industrial Materials distribution product line

On July 12, 2013, we sold the Industrial Materials distribution product line, which we acquired as part of the Umeco acquisition, to Cathay Investments for \$8.6, subject to final working capital and other customary adjustments. In the second quarter of 2013, we recorded an after-tax charge of \$12.5 to adjust our carrying value of the disposal group to its fair value less cost to sell, based on the terms of the agreement. The charge is included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statements of income for the three and six months ended June 30, 2013.

The results of operations of the former Industrial Materials distribution product line prior to its divestiture remain in continuing operations for all periods presented, as the results of operations for the business and assets and liabilities sold were not material to disclose as discontinued operations or assets held for sale.

As part of our acquisition accounting for Umeco in 2012, we established reserves related to income tax and value added tax liabilities of an entity that had been divested by Umeco in 2011, for periods that were under audit prior to its divestiture. We continued to accrue interest through the end of 2013. In the first quarter of 2014, we agreed to a settlement for audit periods through March 31, 2009, which resulted in a benefit of approximately \$3.6. The benefit is included in Net gain (loss) on sale of discontinued operations, net of tax in the consolidated statement of income for the six months ended June 30, 2014.

Quarter Ended June 30, 2014, Compared With Quarter Ended June 30, 2013

## Consolidated Results

Net sales for the three months ended June 30, 2014 were \$527.1, up 3% compared with \$513.8 for the three months ended June 30, 2013. Overall selling volumes for our continuing businesses were up 3%, while price increases improved sales by 1%. These increases were partially offset by the impact of the divestiture of the former Industrial Materials distribution product line in July 2013, which caused second quarter of 2014 net sales to be lower by 2%. The impact of changes in exchange rates on sales was not significant. Aerospace Materials net sales increased by 5%, of which 3% was from higher selling volumes and 2% was due to price increases. Net sales for Industrial Materials segment increased 2%. A 14% decrease caused by the divestiture of the former distribution product line was almost completely offset by 13% increase due to higher sales volume for remaining products. Higher prices increased sales by 1%, and the favorable impact from the changes in exchange rates increased sales by 2%. Net sales for Additive Technologies increased 3% due to higher volumes, while In Process Separation net sales decreased 2% due to lower sales volumes.

For a detailed discussion on revenues refer to the Segment Results section below.

Manufacturing cost of sales was \$347.1, or 65.9% of net sales, in the second quarter of 2014, compared with \$326.6, or 63.6% of net sales, in the second quarter of 2013. Total manufacturing costs increased by \$20.5, due mostly to \$5.4 of higher raw material costs, primarily in Aerospace Materials, increased materials costs of \$6.7 related to higher sales volume, higher period costs of \$6.6 related to inflationary factors, higher spending to meet increased volume demands, and other increased costs, and \$2.6 for the unfavorable impact of changes to exchange rates. These increases were partly offset by reduced costs of \$10.6 from the divestiture of the Industrial Materials distribution product line in July 2013. Also included in cost of sales in the second quarter of 2013 was a benefit of \$8.0 from mark-to-market (“MTM”) adjustments from the remeasurement of two of our U.S. pension and other postemployment benefit (“OPEB”) plans triggered by the curtailment of the plans resulting from the Coatings business divestiture on April 3, 2013. Overall operating expenses (which include Selling and technical services, Research and process development, and Administrative and general expenses) increased by \$3.8 in the second quarter of 2014 compared to the second quarter of 2013. The increase was primarily due to the expiration of transition service agreements related to the Coatings sale resulting in \$1.9 of higher administrative and general expenses, \$1.2 from increased investment in research, \$1.2 higher expenses related to incentive compensation and benefits, \$0.7 of higher costs associated with the continuing development and implementation of a single, global ERP system that began in 2013, and a \$0.6 unfavorable impact from changes in foreign exchange. These cost increases were partly offset by \$1.5 of lower operating expenses from the divestiture of the Industrial Materials distribution product line in July 2013, and lower restructuring costs of \$0.4. Amortization of acquisition intangibles was \$3.7 and \$3.8 in the second quarter of 2014 and 2013, respectively.

Asset impairment charges of \$2.9 in the second quarter of 2013 were primarily for the write-off of plant assets at our manufacturing facility in Beelitz, Germany, which was shut down under the restructuring initiatives within Industrial Materials to reduce costs associated with the acquired Umeco business.

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Other expense, net was \$0.0 in the second quarter of 2014, compared to \$7.7 in the second quarter of 2013. Included in 2013 is a charge of \$3.2 related to the closing and dissolution of our Process Materials Joint Venture in China that operated under the Industrial Materials business and had been acquired as part of the Umeco acquisition, a charge of \$2.2 for environmental charges related to inactive sites, mainly in Canada, for revised remediation plans, and \$1.6 of foreign exchange losses.

Interest expense, net was \$3.0 in the second quarter of 2014 compared with \$4.8 in the prior year. The decrease of \$1.8 is primarily due to higher capitalized interest of \$1.9 driven mostly by the carbon fiber expansion project and the phosphine plant expansion, offset by lower interest income of \$0.2.

The effective tax rate for continuing operations for the three months ended June 30, 2014 was a tax provision of 30.9%, or \$28.0, compared to a tax provision of 29.6%, or \$26.4, for the three months ended June 30, 2013. The effective tax rate for the three months ended June 30, 2014 was consistent with our underlying annualized effective rate of 31% given the absence of any significant non-recurring transactional events.

Earnings from continuing operations for the second quarter of 2014 were \$62.5 (\$1.70 per diluted share), a decrease of \$0.1 from \$62.6 (\$1.51 per diluted share) reported for the same period in 2013. Included in the second quarter of 2014 were after-tax charges of \$0.2 (\$0.01 per diluted share) related to adjustments to previous restructuring initiatives.

Included in the second quarter of 2013 was an after-tax benefit of \$5.2 (\$0.13 per diluted share) for an MTM adjustment from the remeasurement of two of our U.S. plans triggered by the curtailment of the plans resulting from the Coatings business divestiture on April 3, 2013. Also included in 2013 are after-tax charges of \$3.2 (\$0.08 per diluted share) related to the dissolution of our Process Materials Joint Venture in China, \$2.0 (\$0.05 per diluted share) for the write down of certain manufacturing assets in our Nagpur, India facility, \$1.6 (\$0.04 per diluted share) of environmental charges related to inactive sites, mainly in Canada, for revised remediation plans, and \$0.4 (\$0.01 per diluted share) of adjustments related to the stranded cost reduction initiatives and costs to divest the Umeco distribution business. Also included is a \$2.0 million income tax benefit (\$0.05 per diluted share) related to a revision of our previously accrued estimated income tax liability on the unrepatriated earnings of certain foreign subsidiaries as a result of the sale of our Coating Resins business. The revision is primarily due to changes in the tax attributes of certain foreign subsidiaries.

Earnings from discontinued operations, net of tax, were \$11.1 in the second quarter of 2014 compared with net losses of \$28.0 in 2013. For 2014, Earnings (loss) from discontinued operations, net of tax consists of after-tax benefits of \$0.5 related to adjustments of certain tax liabilities of the Coatings business that we retained related to taxable periods (or portions thereof) ending on or before April 3, 2013. Additionally, it includes a tax benefit of \$10.6 based on our best estimate of the purchase price allocation attributable to the Coatings business sold in various taxing jurisdictions. For 2013, it consisted of the loss on the sale of our former Coating Resins segment of \$15.5, and a charge of \$12.5 to adjust the carrying value of the distribution product line, based on the terms of the sale agreement with Cathay Investments completed on July 12, 2013.

Net earnings for the second quarter of 2014 were \$73.6 (\$2.00 per diluted share), an increase of \$39.0 from the net earnings of \$34.6 (\$0.83 per diluted share) in the same period in 2013.

**Segment Results**

Year-to-year comparisons and analysis of changes in net sales by segment and region during the quarter are set forth below.

**Aerospace Materials**

	2014	2013	Total % Change	% Change Due to			
				Price	Volume/Mix	Currency	
North America	\$163.6	\$161.5	1	% 2	% (1)	)% —	%
Latin America <sup>(1)</sup>	2.5	1.1	—	—	—	—	—
Asia/Pacific	17.8	16.1	11	% 3	% 8	% —	%
Europe/Middle East/Africa	78.5	71.2	10	% 2	% 8	% —	%
Total	\$262.4	\$249.9	5	% 2	% 3	% —	%

(1)Due to the low level of sales in this geographic region, percentage comparisons are not meaningful.

Net sales increased 5% primarily due to a 3% increase in selling volumes. The higher selling volumes in the second quarter of 2014 were primarily attributable to the continued ramp up of the 787 program and increased build rates for single aisle aircraft. Partially offsetting this growth was lower rotorcraft sales, mostly for replacement blades. Selling prices increased 2% and changes in exchange rates did not significantly impact net sales.

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Earnings from operations were \$52.7, or 20% of net sales in 2014, compared with \$54.6, or 22% of net sales in 2013. The \$1.9 decrease in earnings consists of \$6.7 of higher material costs, of which \$5.4 is due to raw material inflation, \$0.7 is related to usage of external fiber to meet increased sales demand, and \$0.6 for yield variances. Additionally, we incurred \$5.0 of higher period costs in 2014 due to inflationary factors, higher spending to meet increased volume demands, and increased costs for repairs, maintenance, waste disposal, and higher freight. We also had a \$1.4 unfavorable impact of foreign exchange rate changes, and incurred \$1.0 of higher operating expenses primarily due to the expiration of transition service agreements related to the Coatings sale and increased investment in research services were partly offset by lower commercial spend. These unfavorable impacts in earnings were partially offset by increased selling prices of \$5.9, improved marginal income due to higher selling volumes of \$4.5, and favorable fixed cost absorption of \$1.8.

## Industrial Materials

	2014	2013	Total % Change	% Change Due to			
				Price	Volume/Mix	Currency	
North America	\$29.6	\$23.9	24	% 2	% 22	% —	%
Latin America <sup>(1)</sup>	4.0	3.2	—	% —	% —	% —	%
Asia/Pacific <sup>(1)</sup>	2.8	3.0	—	% —	% —	% —	%
Europe/Middle East/Africa <sup>(2)</sup>	50.1	54.9	(9)	)% 1	% (13	)% 3	%
Total	\$86.5	\$85.0	2	% 1	% (1	)% 2	%

(1) Due to the low level of sales in this geographic region, percentage comparisons are not meaningful.

(2) Includes year over year decrease in volumes of \$12.2 or 22% due to July 2013 divestiture of former distribution product line.

Net sales increased 2% compared to the second quarter of 2013. The decline in selling volumes of 1% consisted of a 14% decrease (\$12.2), all in Europe, due to the July 2013 divestiture of the former distribution product line. This was offset by 13% sales volume increase for remaining product lines. The increased selling volumes in the continuing product lines were primarily in the structural industrial product line, led by higher demand in the high performance auto and aerospace tooling markets. Additionally, net sales increased by 1% from selling price increases and 2% from the favorable impact of changes in exchange rates.

Earnings from operations were \$9.6, or 11% of net sales in 2014, compared with \$5.0, or 6% of net sales in 2013. The \$4.6 increase in earnings was driven by higher selling volumes of \$4.5, higher selling prices of \$1.0, lower raw material costs of \$0.5, lower operating expenses of \$0.3, and favorable fixed cost absorption of \$0.2. These increases in earnings were partly offset by increased period costs and freight of approximately \$1.2 due to increased volumes and inflationary factors for continuing product lines, and a \$0.5 unfavorable impact of foreign exchange rate changes.

## In Process Separation

	2014	2013	Total % Change	% Change Due to			
				Price	Volume/Mix	Currency	
North America	\$31.0	\$25.9	20	% —	% 20	% —	%
Latin America	28.3	29.4	(4)	)% (1	)% (3	)% —	%
Asia/Pacific	21.9	30.1	(27)	)% 1	% (26	)% (2	)%
Europe/Middle East/Africa	22.7	21.0	8	% 1	% 7	% —	%
Total	\$103.9	\$106.4	(2)	)% —	% (2	)% —	%

Net sales were down 2%, due to lower sales volumes of 2%. The volume decrease in 2014, is primarily from weaker demand in the alumina market and our metal extraction product line, partly offset by higher demand in our phosphine product line, especially in the electronics end market, and also in our mineral processing product line. Sales volumes in the Asia/Pacific region were down due to order patterns related to specific mining customers, a softening demand in the alumina market and lower production in Indonesian mines. Selling prices and changes in foreign exchange rates did not significantly impact net sales.



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Earnings from operations were \$28.5, or 27% of net sales in 2014, compared with \$28.4, or 27% of net sales in 2013. The \$0.1 increase in earnings is principally due to \$1.3 of lower raw material costs, a \$1.0 favorable impact from changes in exchange rates, lower freight and warehousing of \$0.6 due to lower sales, and \$0.2 of selling price increases. These increases are mostly

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offset by the expiration of transition service agreements related to the Coatings sale resulting in higher operating expenses of \$1.8, and higher manufacturing costs of \$0.8 due to higher overall plant operating costs. The net lower sales volumes had a relatively minor \$0.2 unfavorable impact on earnings due to the favorable mix effect of strong sales of higher margin phosphine products.

## Additive Technologies

	2014	2013	Total % Change	% Change Due to				
				Price	Volume/Mix	Currency		
North America	\$30.0	\$31.5	(5)	)%	(5)	)%	—	%
Latin America	6.6	6.3	5	%	5	%	—	%
Asia/Pacific	17.7	18.0	(2)	)%	1	%	(1)	)%
Europe/Middle East/Africa	20.0	16.7	20	%	19	%	5	%
Total	\$74.3	\$72.5	3	%	3	%	1	%

Net sales increased 3% primarily due to higher selling volumes. Specialty additives products had strong growth in all regions except North America, which was partly offset by product rationalization of low margin products of \$0.6. Additionally, we had lower demand for polymer additives products across all regions except Europe due to an increase in sales to the agriculture film market. Selling prices and changes in exchange rates did not significantly affect net sales.

Earnings from operations were \$10.4, or 14% of net sales in 2014, compared with \$12.2, or 17% of net sales in 2013. The \$1.8 decrease in earnings is due primarily from unfavorable fixed cost absorption of \$2.1, net sales price decreases of \$0.9, higher raw material costs of \$0.5, and the expiration of transition service agreements related to the Coatings sale resulting in higher commercial and administration expenses of \$0.3. This was partially offset by an increased marginal income due to a favorable sales product mix of \$1.6 and lower manufacturing costs of \$0.6 mostly from lower freight and warehousing costs.

## Six Month Ended June 30, 2014, Compared With Six Months Ended June 30, 2013

## Consolidated Results

Net sales for the six months ended June 30, 2014 were \$1,016.2, up 3% compared to net sales of \$991.2 for the six months ended June 30, 2013. Overall selling volumes for our continuing businesses were up 3%, while price increases improved sales by 1%. These increases were partially offset by the impact of the divestiture of the former Industrial Materials distribution product line in July 2013, which caused first half of 2014 net sales to be lower by 2%. The impact of changes in exchange rates on sales was minimal. Aerospace Materials net sales increased by 4%, of which 2% was due to price increases and 2% was from higher selling volumes. Overall net sales for Industrial Materials segment was flat. A 14% decrease caused by the divestiture of the former distribution product line in July 2013 was offset by an 11% increase due to higher sales volume for remaining products. Higher prices increased sales by 1%, and the favorable impact from changes in exchange rates increased sales by 2%. Net sales for In Process Separation increased 2% due to sales volume increases, while Additive Technologies net sales were flat compared to 2013.

For a detailed discussion on revenues refer to the Segment Results section below.

Manufacturing cost of sales was \$676.2, or 66.5% of net sales, in the six months ended June 30, 2014, compared with \$665.3, or 67.1% of net sales, in the six months ended June 30, 2013. Total manufacturing costs increased by \$10.9, due mostly to a \$14.2 of higher raw material costs, primarily in Aerospace Materials. Additionally, there were higher materials costs and freight of \$10.0 related to higher sales volumes, \$12.1 due to inflationary factors and higher spending to meet increased volume demands, a \$3.9 unfavorable impact from changes in exchange rates, and unfavorable fixed cost absorption of \$1.6. Partly offsetting these cost increases were reduced costs of \$20.5 from the divestiture of the Industrial Materials distribution product line in July 2013, \$5.5 of lower stranded costs associated with the sale of the Coating Resins business in April 2013, and \$4.5 year on year benefit from favorable pension and OPEB MTM adjustments.

Overall operating expenses (which include Selling and technical services, Research and process development, and Administrative and general expenses) increased by \$1.4 in the six months ended June 30, 2014 versus the six months ended June 30, 2013. The increase was primarily due to \$3.1 of higher costs associated with the continuing

development and implementation of a single, global ERP system that began in 2013, and \$2.2 of higher costs to support sales volume increases, net of year to date stranded costs savings associated with the sale of the Coating Resins business in April 2013. These costs were offset by \$3.0 of lower operating expenses from the divestiture of the Industrial Materials distribution product line in July 2013, and lower restructuring costs of \$1.0.

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Amortization of acquisition intangibles was \$7.3 and \$7.5 in the first six months of 2014 and 2013, respectively. Asset impairment charges of \$2.9 in the first six months of 2013 were primarily for the write-off of plant assets at our manufacturing facility in Beelitz, Germany, which was shut down under the restructuring initiatives within Industrial Materials to reduce costs associated with the acquired Umeco business.

Other expense, net was \$0.5 in the first six months of 2014 compared to \$8.5 in the first six months of 2013. In 2013, Other expense, net included a charge of \$3.2 related to the closing and dissolution of our Process Materials Joint Venture in China that operated under the Industrial Materials business and had been acquired as part of the Umeco acquisition, a charge of \$2.2 for environmental charges related to inactive sites, mainly in Canada, for revised remediation plans, and foreign exchange losses of \$2.7.

Loss on early extinguishment of debt in 2013 consisted of a loss of \$39.4 including transaction costs, incurred on the redemption of \$135.2 principal amount of our 4.6% notes due July 1, 2013, which we called for redemption in February 2013, for a purchase price of \$136.8 plus accrued interest of \$1.5; the repurchase of \$107.8 principal amount of our 6.0% notes due October 1, 2015 for a purchase price of \$121.1 plus accrued interest of \$3.1; and the repurchase of \$85.1 principal amount of our 8.95% notes due July 1, 2017 for a purchase price of \$108.3 plus accrued interest of \$1.8. The repurchase of the 6.0% and 8.95% notes were completed under an offer to repurchase the notes that ended in March 2013.

Interest expense, net was \$6.2 for the six months ended June 30, 2014 compared with \$11.5 in the prior year. The decrease of \$5.3 is primarily due to lower interest expense of \$2.4, mostly from the redemption of higher interest debt in the first quarter of 2013 with new debt issued at a lower rate, and higher capitalized interest of \$3.7 related to the ongoing major capital projects in our growth product lines, partially offset by lower interest income of \$0.7.

The effective tax rate for continuing operations for the six months ended June 30, 2014 was a tax provision of 27.9%, or \$45.8, compared to a tax provision of 25.4%, or \$24.3, for the six months ended June 30, 2013. The effective tax rate for the six months ended June 30, 2014 was favorably impacted by a tax benefit of \$5.4 attributable to the reversal of certain tax reserves due to the settlement of tax audits and the expiration of the statute of limitations for the U.S. and other international jurisdictions. The rate was unfavorably impacted by tax expense of \$2.3 related to pension and other postretirement benefit mark-to-market adjustments.

Earnings from continuing operations for the six months ended June 30, 2014 were \$118.4 (\$3.23 per diluted share), an increase of \$47.0 from \$71.4 (\$1.63 per diluted share) reported for the same period in 2013. Included in the six months ended June 30, 2014 was an after-tax benefit of \$3.8 (\$0.10 per diluted share) for pension and OPEB MTM adjustments during the period, and net after-tax charges of \$0.2 (\$0.01 per diluted share) for adjustments to previous restructuring initiatives. Included in the six months ended June 30, 2013 were the following after-tax charges: \$24.7 (\$0.57 per diluted share) related to the loss on the debt redemption, \$3.2 (\$0.07 per diluted share) related to the dissolution of our Process Materials Joint Venture in China, \$2.0 (\$0.05 per diluted share) for the write down of certain manufacturing assets in Nagpur, India, \$1.6 (\$0.04 per diluted share) of environmental charges related to inactive sites, mainly in Canada, for revised remediation plans, and net charges of \$0.8 (\$0.02 per diluted share) for adjustments to previous restructuring initiatives and costs to divest the Umeco distribution business. Also included in 2013 was a net after-tax benefit of \$1.2 (\$0.03 per diluted share) for pension and OPEB MTM adjustments, consisting of the portion deferred in inventory from the fourth quarter 2012 MTM and the curtailment of pension plans associated with the former Coatings business following its divestiture on April 3, 2013, and a \$1.0 net income tax benefit (\$0.02 per diluted share) related to a revision of our previously accrued estimated income tax liability on the unrepatriated earnings of certain foreign subsidiaries as a result of the sale of our Coating Resins business. The revision was primarily due to changes in the tax attributes of certain foreign subsidiaries. Earnings from continuing operations also included costs previously allocated to the operations of our discontinued Coating Resins segment of \$12.2 for the six months ended June 30, 2013.

Earnings from discontinued operations, net of tax, were \$11.1 in the first six months of 2014 compared with a net loss of \$1.1 in 2013, net of noncontrolling interests. For 2014, earnings from discontinued operations, net of tax includes benefits of approximately \$3.6 related to the settlement of income tax and value added tax liabilities of an entity that had been divested by Umeco in 2011, for periods that were under audit prior to its divestiture. In connection with the sales of Coatings, in 2014 we recorded after-tax charges of \$1.3 for adjustments to certain tax indemnities related to

Coatings for taxable periods prior to its divestiture, after-tax charges of approximately \$1.8 related to purchase price and working capital adjustments relating to the divestiture, and a tax benefit of \$10.6 based on our best estimate of the purchase price allocation attributable to the Coatings business sold in various taxing jurisdictions.

Net earnings for the six months ended June 30, 2014 were \$129.5 (\$3.53 per diluted share), an increase of \$59.2 from the net earnings of \$70.3 (\$1.61 per diluted share) in the same period in 2013.

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## Segment Results

Year-to-year comparisons and analysis of changes in net sales by segment and region during the year are set forth below.

## Aerospace Materials

	2014	2013	Total % Change	% Change Due to				
				Price	Volume/Mix	Currency		
North America	\$312.1	\$309.6	1	% 2	% (1)	)% —	%	
Latin America <sup>(1)</sup>	4.7	2.4	—	% —	% —	% —	%	
Asia/Pacific	35.5	31.1	14	% 7	% 7	% —	%	
Europe/Middle East/Africa	153.6	142.8	8	% 3	% 5	% —	%	
Total	\$505.9	\$485.9	4	% 2	% 2	% —	%	

(1) Due to the low level of sales in this geographic region, percentage comparisons are not meaningful.

Net sales increased 4% for the first six months of 2014 compared to 2013. Overall selling volumes were up 2%, as build rate increases for single aisle aircraft and Boeing's 787 program were offset by lower demand for the rotorcraft (mostly replacement blades) and certain defense sectors. Additionally, selling prices increased net sales by 2%.

Changes in exchange rates did not significantly impact net sales.

Earnings from operations were \$90.7, or 18% of net sales in 2014, compared with \$99.7, or 21% of net sales in 2013. The \$9.0 decrease in earnings includes higher raw material costs of \$16.8, of which \$6.4 is related to the usage of external fiber during the first six months to meet increased sales demand as well as the result of a fire in one of our carbon fiber facilities in the first quarter of 2014. The raw material costs were also higher by \$9.0 due to raw material inflation and \$1.3 for material yield variances. Additionally, we incurred \$7.2 of higher net period costs in 2014 due to inflationary factors, higher spending to meet increased volume demands, and increased costs for repairs, maintenance, waste disposal, and higher freight. We also incurred \$4.1 of higher operating expenses due to the expiration of transition service agreements related to the Coatings sale and higher investment in research services which were partly offset by lower commercial spend. Changes in exchange rates unfavorably impacted earnings by \$2.6. These reductions in earnings were partially offset by selling price increases of \$11.9, higher selling volumes of \$6.8, and the favorable impact from absorption of \$2.8.

## Industrial Materials

	2014	2013	Total % Change	% Change Due to				
				Price	Volume/Mix	Currency		
North America	\$59.2	\$47.1	26	% 2	% 24	% —	%	
Latin America <sup>(1)</sup>	6.0	6.7	—	% —	% —	% —	%	
Asia/Pacific <sup>(1)</sup>	5.4	6.0	—	% —	% —	% —	%	
Europe/Middle East/Africa <sup>(2)</sup>	99.1	109.2	(9)	)% 1	% (13)	)% 3	%	
Total	\$169.7	\$169.0	—	% 1	% (3)	)% 2	%	

(1) Due to the low level of sales in this geographic region, percentage comparisons are not meaningful.

(2) Includes year over year decrease in volumes of \$23.8 or 22% due to July 2013 divestiture of former distribution product line.

Net sales increased 0% overall from 2013. However, the decline in selling volumes of 3% consisted of a 14% decrease (\$23.8), all in Europe, due to the July 2013 divestiture of the former distribution product line. This was offset by an 11% sales volume increase for continuing product lines. The increase in the continuing product lines was primarily in the structural industrial product line, led by higher demand in the high performance automotive and aerospace tooling markets. Additionally, net sales increased by 2% from the favorable impact from changes in exchange rates and 1% from selling price increases.

Earnings from operations were \$17.8, or 11% of net sales in 2014, compared with \$7.9, or 5% of net sales in 2013. The \$9.9 increase in earnings was driven by higher selling volumes of \$9.7, lower operating expenses of \$1.6 due to savings from restructuring initiatives implemented in 2013, higher selling prices of \$1.6, and lower raw

material costs of \$1.1. These increases in earnings were partly offset by increased period costs and freight of approximately \$3.2 due to increased volumes and inflationary factors for continuing product lines, a \$0.6 unfavorable impact from changes in exchange rates, and reduced earnings of \$0.3 related to the divestiture of the distribution product line.

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## In Process Separation

	2014	2013	Total % Change	% Change Due to			
				Price	Volume/Mix	Currency	
North America	\$62.7	\$53.3	18	% 1	% 17	% —	%
Latin America	56.9	54.0	5	% 1	% 4	% —	%
Asia/Pacific	41.2	53.3	(23)	)% —	% (20)	)% (3)	)%
Europe/Middle East/Africa	39.2	34.6	13	% 1	% 12	% —	%
Total	\$200.0	\$195.2	2	% 1	% 2	% (1)	)%

Net sales increased 2%, primarily due to higher sales volumes. The volume increase in 2014 is primarily from higher demand in our phosphines, mineral processing, and metal extraction product lines, partly offset by weaker demand in the alumina market. Selling price increases improved sales by 1%, while changes in foreign exchange rates resulted in a 1% reduction in net sales.

Earnings from operations were \$47.7, or 24% of net sales in 2014, compared with \$46.2, or 24% of net sales in 2013. The \$1.5 increase in earnings is principally due to higher sales volumes of \$5.0, lower raw material costs of \$2.2, mostly for phosphines, a \$2.1 favorable impact from changes in exchange rates, and \$1.3 from higher selling prices. These increases were partially offset by \$5.4 of net unfavorable fixed cost absorption due to inventory control efforts that began at the end of 2013, higher operating costs of \$2.5 primarily due to the expiration of transition service agreements related to the Coatings sale in April 2013, and higher manufacturing costs of \$1.1 due to higher overall plant operating costs and freight from increased volumes.

## Additive Technologies

	2014	2013	Total % Change	% Change Due to			
				Price	Volume/Mix	Currency	
North America	\$59.0	\$63.8	(8)	)% —	% (8)	)% —	%
Latin America	12.7	11.4	11	% (2)	)% 13	% —	%
Asia/Pacific	32.5	33.6	(3)	)% (2)	)% —	% (1)	)%
Europe/Middle East/Africa	36.4	32.3	13	% (4)	)% 12	% 5	%
Total	\$140.6	\$141.1	—	% (1)	)% —	% 1	%

Net sales were flat compared with 2013. Demand for polymer additives products in North America decreased due to timing of orders for certain customers, which was partially offset by increased demand in the Europe and Latin America regions. There were higher sales volumes for specialty additive products across all regions except North America. This was offset by product rationalization of low margin products of \$1.7. Selling prices and changes in exchange rates did not significantly affect net sales.

Earnings from operations were \$18.3, or 13% of net sales in 2014, compared with \$21.2, or 15% of net sales in 2013. The \$2.9 decrease in earnings is due primarily from selling price decreases of \$1.9 due to pricing strategy and competitive pressures, \$2.0 of higher operating expenses from inflationary factors and due to the expiration of transition service agreements related to the Coatings sale, higher period costs of \$1.0 mostly related to inflationary costs, and \$0.7 of higher raw material costs primarily for specialty additives. These decreases were partly offset by increased marginal income due to higher selling volumes of \$1.4, favorable fixed cost absorption of \$0.9, and lower freight and warehousing costs of \$0.5 from lower volumes.

## LIQUIDITY AND FINANCIAL CONDITION

At June 30, 2014, our cash balance was \$140.2 compared with \$151.8 at December 31, 2013. At June 30, 2014, approximately 76% of our cash was located outside of the U.S.

Net cash provided by (used in) continuing operations

Net cash provided by operating activities of continuing operations was \$105.0 in 2014 compared to net cash used of \$6.0 in 2013. Trade accounts receivable increased \$41.0 due to higher sales levels, as days outstanding of 48 days as of the end of the second quarter of 2014 was unchanged from year end 2013. Accounts payable increased by \$40.8, as



accounts payable days outstanding at June 30, 2014 increased six days to 49 days, up from 43 days at the end of 2013 in part due to higher raw

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material purchases. Inventory increased \$36.5. Inventory days on hand were at 82 days at the end of the second quarter of 2014, which is up four days since year end 2013. Accrued expenses decreased by \$14.3, largely due to payments of approximately \$15.2 for 2013 incentive compensation during the first half of 2013. Income taxes payable decreased by \$9.5. Other liabilities in 2014 decreased by \$8.6, mostly due to a decrease of \$6.2 in noncurrent income taxes payable, which primarily resulted from the aforementioned favorable tax audit settlements. We disclosed in our 2013 Annual Report on Form 10-K that we expected to contribute \$6.3 and \$9.8, respectively, to our pension and postretirement plans in 2014. Through June 30, 2014, actual contributions to our pension and postretirement plans were \$3.5 and \$2.6, respectively.

Net cash used in investing activities of continuing operations was \$121.7 in 2014 compared to \$127.1 in 2013. Capital spending for the first six months of 2014 was \$121.6 compared to \$127.1 in 2013. Capital spending in 2014 was primarily attributable to continued investment for the strategic expansion of our growth businesses within the Aerospace Materials and In Process Separation segments, in addition to maintenance of business capital across the Company. In the first quarter of 2014, we completed the construction phase of our carbon fiber expansion project to support our growing demand for carbon fiber based composites. Aerospace qualified fiber production is expected in 2016. We are continuing construction on a new prepreg manufacturing expansion project, with the construction phase expected to be completed in 2014 and commercial production expected to occur in 2015 with Aerospace qualified production in 2016. The construction for the expansion of our phosphine plant in Canada for our In Process Separation segment is expected to be completed in the third quarter of 2014. The expansion of our metal extraction product line with new manufacturing capacity in Nagpur, India is expected to be completed in the second half of 2014. Our total capital spending for 2014 is expected to be in a range of approximately \$180.0 to \$200.0.

Net cash provided by financing activities in 2014 was \$5.4, compared to net cash used of \$660.0 in 2013. During the first six months of 2014, we received \$9.9 of proceeds from stock option exercises, and had \$4.4 of excess tax benefits related to share-based payments. We also paid cash dividends of \$8.9 during the first six months of 2014.

Share repurchases

During the three and six months ended June 30, 2013, we repurchased 7,573,677 and 8,777,176 shares of our common stock at a total cost of \$552.2 and \$642.0, respectively. There were no repurchases during three and six months ended June 30, 2014 and there are no amounts remaining under the buyback program as of June 30, 2014.

Dividends

On April 22, 2014, the Board of Directors declared a \$0.125 per common share cash dividend, payable on May 27, 2014 to shareholders of record as of May 9, 2014. Cash dividends paid in the second quarter of 2014 and 2013 were \$4.4 and \$5.2, respectively, and for the six months ended June 30, 2014 and 2013 were \$8.9 and \$12.6, respectively. Dividends paid in the first six months of 2013 included \$1.8 paid by a majority owned subsidiary to its minority shareholder. On July 17, 2014, the Board of Directors declared a \$0.25 per common share cash dividend, payable on August 25, 2014 to shareholders of record as of August 11, 2014.

Stock split

On July 17, 2014, the Board of Directors declared a 2-for-1 split on our common stock in the form of a stock dividend. The stock dividend will be distributed on September 17, 2014 to shareholders of record as of the close of business on September 2, 2014. Shareholders on the record date will be entitled to receive one additional share for every share they own on that date. Common shares outstanding, giving retroactive effect to the stock split at June 30, 2014 and December 31, 2013, would be approximately 71,800,000 and 71,000,000, respectively.

Net cash provided by (used in) discontinued operations

Net cash provided by operating activities of discontinued operations for the first six months of 2014 was \$0.3, compared to net cash used of \$63.4 for the first six months of 2013. For 2013, these cash flows consisted primarily of the net earnings from discontinued operations from what was formerly our Coating Resins segment, plus the impact of changes in working capital during the period. Net increases to working capital reduced cash by approximately \$86.6 in the first six months of 2013.

Net cash provided by investing activities of discontinued operations was \$0.0 for the first six months of 2014, compared to \$1,010.6 in 2013. In April 2013, we sold our former Coating Resins segment and received cash proceeds of \$998.8 net of related transactions costs. Capital expenditures related to discontinued operations for the

first six months of 2013 were approximately \$3.2. Also in the first half of 2013, we received proceeds of \$15.0 related to collection of a note receivable from the sale of our former Building Block Chemicals business.

Funding of future cash requirements

We believe that we have the ability to fund our operating cash requirements, planned capital expenditures, planned cash dividends, as well as the ability to meet our debt service requirements for the foreseeable future from existing cash, from

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internal cash generation, and, when appropriate, through utilization of our existing credit line. From time to time, based on such factors as local tax regulations, prevailing interest rates and our plans for capital investment or other investments, it may make economic sense to utilize our existing credit lines in order to meet our cash requirements, which may include debt-service related disbursements. We are required to meet financial ratios under our \$400.0 Revolving Credit Facility, including a maximum permitted ratio of consolidated total debt (as defined) to consolidated EBITDA (as defined) and a minimum consolidated EBITDA (as defined) to consolidated interest expense ratio. Complying with these ratios could limit our ability to plan for or react to market conditions or meet extraordinary capital needs and could otherwise restrict our financing activities. Our ability to comply with the covenants will depend on our future operating performance. If we fail to comply with those covenants and terms, we will be in default. In this case, we would be required to obtain waivers from our lenders in order to maintain compliance. If we were unable to obtain any necessary waivers, the amounts outstanding under this Revolving Credit Facility could be accelerated, and become immediately due and payable, and we would not be able to borrow any additional funds under the agreement while such default continued. We are in compliance with these covenants and expect to be in compliance for the foreseeable future. Under the terms of the Facility, in June 2014, we extended the term of the Facility one year to June 28, 2019. We have no borrowings outstanding under the Revolving Credit Facility as of June 30, 2014. Our ability to fully utilize our Revolving Credit Facility can be limited by our actual calculated debt covenant ratio as compared to the maximum debt covenant ratio permitted under the Revolving Credit Facility. At June 30, 2014, \$400.0 of the Revolving Credit Facility was available to us, and we expect that the full amount will continue to be available based on our current forecasts.

### Use of cash

We have generated a significant amount of cash in recent years. Our top priorities for use of cash will continue to be investment in the typical maintenance of business capital spending projects, followed by expansion/cost reduction capital in our growth product lines and fast payback/margin improvement capital in our cash product lines. We will pursue bolt-on acquisitions for our growth product lines. In addition, if available at a reasonable price, we will buy back our public debt. Finally, we will continue to return cash to shareholders through dividends and excess cash through share repurchases.

Inflation at this time is not considered significant although higher costs for energy and commodities could impact our future operating expenses and capital spending. The impact of increasing raw material costs are discussed under “Customers and Suppliers” in Item 1, “BUSINESS” in our 2013 Annual Report on Form 10-K.

### Contractual Obligations and Commitments

Reference is made to Note 11 in Notes to Consolidated Financial Statements included herein which describes certain gross liabilities totaling \$11.1 for unrecognized tax benefits for continuing operations that will be resolved at some point over the next several years.

### OTHER

#### 2014 OUTLOOK

In our July 17, 2014 press release, which was also furnished as an exhibit to a Current Report on Form 8-K, we presented our outlook for our full year 2014 results at the time based on various assumptions set forth in the press release. There can be no assurance that sales or earnings will develop in the manner projected. Actual results may differ materially. See “Comments on Forward-Looking Statements.”

#### Critical Accounting Policies

See “Critical Accounting Policies” under Item 7A of our 2013 Annual Report on Form 10-K, filed with the Securities and Exchange Commission on February 21, 2014 and incorporated by reference herein. There were no changes to our critical accounting policies.

#### COMMENTS ON FORWARD-LOOKING STATEMENTS

A number of the statements made by us in our Annual Report on Form 10-K, in other documents, including but not limited to the Chairman, President and Chief Executive Officer’s and Vice President and Chief Financial Officer’s letters to stockholders and stakeholders, respectively, in our press releases and in other reports to the Securities and Exchange Commission, may be regarded as “forward-looking statements” within the meaning of the Private Securities

Litigation Reform Act of 1995. All statements in this report, including those made by the management of Cyttec, other than historical statements, are forward-looking statements.

Forward-looking statements include, among others, statements concerning: our or any of our segments' outlook for the future, anticipated results of acquisitions and divestitures, future aircraft build rates, expectations on the amount of our composite material content on new aerospace programs, timing of new mine startups, selling price, raw material cost and working capital

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trends, anticipated changes in currency rates and their effects, economic forces within the industries in which we operate, anticipated costs, target completion and qualification dates and expenditures for capital projects, expected sales growth, operational excellence strategies and their results, expected annual tax rates, our long-term goals, environmental remediation costs, future legal settlements, claims and judgments, and other statements of expectations, beliefs, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. Such statements are based upon our current beliefs and expectations and are subject to significant risks and uncertainties including those discussed in Item 1A, “Risk Factors,” of our 2013 Annual Report on Form 10-K. Actual results may vary materially from those set forth in the forward-looking statements.

The following factors, among others, could affect our anticipated results: our ability to successfully complete planned or ongoing restructuring and capital expansion projects, including realization of the anticipated results from such projects; our ability to maintain or improve current ratings on our debt; our ability to obtain financing or borrow fully against committed lines, changes in financial conditions or the financial status of our existing lenders markets; changes in global and regional economies; the financial well-being of our customers and the end-consumers of products incorporating our products; changes in demand for our products or in the quality, costs and availability of our raw materials, particularly when such raw materials are only available from a single or limited number of sources and cannot be substituted with other unqualified materials; timing of new product introductions; customer inventory reductions; changes in the build rates for certain aircraft programs; the actions of competitors; currency and interest rate fluctuations; technological change, particularly in aerospace program technology; manufacturing capacity constraints; our ability to renegotiate expiring long-term contracts; our ability to raise our selling prices when our product costs increase; changes in employee relations, possible strikes or work stoppages at our facilities or at the facilities of our customers or suppliers; new laws and regulations or changes in their interpretation, including those related to taxation, global warming and those particular to the purchase, sale, storage and manufacture of chemicals or operation of chemical plants; governmental funding for those military programs that utilize our products; litigation, including its inherent uncertainty and changes in the number or severity of various types of claims brought against us and changes in the laws applicable to these claims; quality problems; difficulties in plant operations and materials transportation, including those caused by hurricanes or other natural forces; short or long-term climate changes; environmental matters; returns on employee benefit plan assets and changes in the discount rates used to estimate employee benefit liabilities; changes in the medical cost trend rate; changes in accounting principles or new accounting standards; political instability or adverse treatment of foreign operations in any of the significant countries in which we or our customers operate; war, terrorism or sabotage; epidemics; and other unforeseen circumstances. Unless indicated otherwise, the terms “Cytec,” “Company,” “we,” “us,” and “our” each refer collectively to Cytec Industries Inc. and its subsidiaries.

### Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK (Currencies in millions)

For a discussion of market risks at year-end, refer to Item 7A of our Annual Report on Form 10-K for the year ended December 31, 2013, filed with the Securities and Exchange Commission on February 21, 2014, and incorporated by reference herein. Other 2014 financial instrument transactions include:

**Interest Rate Risk:** At June 30, 2014, our outstanding borrowings consisted of \$716.3 of long-term fixed rate debt. Our long-term debt had a carrying and face value of \$716.3 and \$723.7, respectively, and a fair value of approximately \$755.9.

There was no variable rate debt outstanding as of June 30, 2014.

**Currency Risk:** We periodically enter into currency forward contracts primarily to hedge currency fluctuations of transactions denominated in currencies other than the functional currency of the respective entity. At June 30, 2014, the principal transactions hedged involved accounts receivable and accounts payable. When hedging currency exposures, our practice is to hedge such exposures with forward contracts denominated in the same currency and with similar critical terms as the underlying exposure, and therefore, the instruments are effective at generating offsetting changes in the fair value, cash flows or future earnings of the hedged item or transaction.

At June 30, 2014, the currency and net contractual amounts of forward contracts outstanding translated into U.S. dollar equivalent amounts totaled \$259.2. The fair value of currency contracts, based on forward exchange rates at

June 30, 2014, was approximately \$0.1. Assuming that period-end exchange rates between the underlying currencies of all outstanding contracts and the various hedged currencies was to adversely change by a hypothetical 10%, the fair value of all outstanding contracts at June 30, 2014 would decrease by approximately \$25.8. However, since these contracts economically hedge specific transactions, any change in the fair value of the contracts would be offset by changes in the underlying value of the item or transaction being hedged.

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Item 4. CONTROLS AND PROCEDURES

We carried out an evaluation, under the supervision and with the participation of the management, including the Chief Executive Officer and Chief Financial Officer, of the effectiveness of the Company's disclosure controls and procedures as required by Exchange Act Rule 13a-15(b) as of the period ended June 30, 2014. Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that the Company's disclosure controls and procedures are effective.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during the quarter ended June 30, 2014 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.



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PART II – OTHER INFORMATION

Item 1. LEGAL PROCEEDINGS

Information regarding legal proceedings is included in Note 9 to the Consolidated Financial Statements herein, and in Note 12 of Notes to Consolidated Financial Statements contained in our 2013 Annual Report on Form 10-K.

Item 6. EXHIBITS

(a). Exhibits

See Exhibit Index on page 38 for exhibits filed with this Quarterly Report on Form 10-Q.

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SIGNATURE

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.

CYTEC INDUSTRIES INC.

By: /s/ David M. Drillock  
David M. Drillock  
Vice President and Chief Financial Officer

July 21, 2014

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Exhibit Index	Description
3.2	By-laws, as amended through July 17, 2014 (incorporated by reference to Exhibit 3.2 to Cytec's current report on Form 8-K, dated July 18, 2014).
10.1	Offer Letter, dated June 20, 2014, between the Company and Daniel G. Darazsdi (incorporated by reference to Exhibit 10.2(q) to Cytec's current report on Form 8-K dated June 25, 2014).
10.2	Form of Restricted Stock Award, between the Company and Daniel G. Darazsdi for grant to new executive officer (incorporated by reference to Exhibit 10.2(r) to Cytec's current report on Form 8-K dated June 25, 2014).
12	Computation of Ratio of Earnings to Fixed Charges for the three and six months ended June 30, 2014 and 2013
31.1	Certification of Shane Fleming, Chief Executive Officer, Pursuant to Rule 13a-14(a) of the Securities Exchange Act
31.2	Certification of David Drillock, Chief Financial Officer, Pursuant to Rule 13a-14(a) of the Securities Exchange Act
32.1	Certification of Shane Fleming, Chief Executive Officer Pursuant To 18 U.S.C. Section 1350, As Adopted Pursuant to Section 906 of The Sarbanes-Oxley Act of 2002
32.2	Certification of David Drillock, Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, As Adopted Pursuant to Section 906 of The Sarbanes-Oxley Act of 2002
101.INS	XBRL Instance Document.
101.SCH	XBRL Taxonomy Extension Schema Document.
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document.
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document.
101.LAB	XBRL Taxonomy Extension Label Linkbase Document.
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document.