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

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**FORM 8-K**

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**CURRENT REPORT**  
**Pursuant to Section 13 or 15(d) of the**  
**Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): January 10, 2017**

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**KOPPERS HOLDINGS INC.**

(Exact name of registrant as specified in its charter)

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**Pennsylvania**  
(State or other jurisdiction of  
incorporation)

**1-32737**  
(Commission File Number)

**20-1878963**  
(IRS Employer  
Identification No.)

**436 Seventh Avenue**  
**Pittsburgh, Pennsylvania**  
(Address of principal executive offices)

**15219**  
(Zip Code)

**Registrant's telephone number, including area code: (412) 227-2001**

**Not Applicable**  
(Former name or former address, if changed since last report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01 Regulation FD Disclosure.**

Beginning January 10, 2017, Koppers Holdings Inc. (the “Company”) has posted on its website, [www.koppers.com](http://www.koppers.com), an updated investor presentation, which will be made available to analysts, shareholders and prospective investors. The slide presentation is attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated herein by reference.

Pursuant to Regulation FD, the presentation materials are furnished herewith as Exhibit 99.1.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits. The following exhibit is furnished herewith:

99.1 Investor Presentation dated January 2017

SIGNATURES

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

**Dated: January 10, 2017**

KOPPERS HOLDINGS INC.

By: /s/ Michael J. Zugay

Michael J. Zugay  
Chief Financial Officer

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EXHIBIT INDEX

<u>Number</u>	<u>Description</u>
99.1	Investor Presentation dated January 2017





Wood Preservative Research

Railroad Tie Treating Facility  
Somerville, TXMaintenance and Repair of Railroad  
Bridges and Structures - North AmericaUtility Pole  
Australia

## Investor Presentation January 2017

MicroPro Walkway  
Cuilcagh Mountain, Ireland

*"To be recognized as the standard bearer for safely delivering customer focused solutions primarily through the development and application of technologies to enhance wood."*

# Forward Looking Statement

Certain statements in this presentation are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and may include, but are not limited to, statements about sales levels, acquisitions, restructuring, profitability and anticipated synergies, expenses and cash outflows. All forward-looking statements involve risks and uncertainties. All statements contained herein that are not clearly historical in nature are forward-looking, and words such as "believe," "anticipate," "expect," "estimate," "may," "will," "should," "continue," "plans," "potential," "intends," "likely," or other similar words or phrases are generally intended to identify forward-looking statements. Any forward-looking statement contained herein, in press releases, written statements or documents filed with the Securities and Exchange Commission, or in Koppers communications with and discussions with investors and analysts in the normal course of business through meetings, phone calls and conference calls, regarding expectations with respect to sales, earnings, cash flows, operating efficiencies, restructurings, the benefits of acquisitions and divestitures or other matters as well as financings and debt reduction, are subject to known and unknown risks, uncertainties and contingencies. Many of these risks, uncertainties and contingencies are beyond our control, and may cause actual results, performance or achievements to differ materially from anticipated results, performance or achievements. Factors that might affect such forward-looking statements, include, among other things, the impact of changes in commodity prices, such as oil and copper, on product margins; general economic and business conditions; potential difficulties in protecting our intellectual property; the ratings on our debt and our ability to repay or refinance outstanding indebtedness; our ability to operate within the limitations of our debt covenants; potential impairment of our goodwill and/or long-lived assets; demand for Koppers goods and services; competitive conditions; interest rate and foreign currency rate fluctuations; availability of key raw materials and unfavorable resolution of claims against us, as well as those discussed more fully elsewhere in this presentation and in documents filed with the Securities and Exchange Commission by Koppers, particularly our latest annual report on Form 10-K and subsequent filings. Any forward-looking statements in this presentation speak only as of the date of this presentation, and we undertake no obligation to update any forward-looking statement to reflect events or circumstances after that date or to reflect the occurrence of unanticipated events.

*Note: There are non-GAAP amounts in this presentation for which reconciliations to GAAP are provided in the Appendix section, as well as the company's quarterly financial news releases, which are posted to the website at [www.koppers.com](http://www.koppers.com) along with this presentation. To access the reconciliations in the quarterly financial news releases, go to the company's homepage, select "Investor Relations" and then "News Releases".*



**Leroy M. Ball**  
*President and  
Chief Executive Officer*



**Michael J. Zugay**  
*Chief Financial Officer*

# Company Overview

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- ***Global leader in oil and water-borne preservatives*** serving many market applications for treated wood
- Successfully transitioning from a business built on producing carbon pitch to serve global aluminum industry into ***an enterprise centered on the preservation and enhancement of wood***
- Knowledge of wood preservation is a core competency
  - ✓ Largest integrated producer of wood treatment preservatives for North American railroad crosstie industry
  - ✓ Performance Chemicals wood treatment preservatives serve various industrial, agricultural and residential markets
- **Strategy continues to build momentum**; continue to evaluate opportunities to optimize product portfolio and capital structure
  - ✓ Systematic approach of reducing dependence on highly cyclical industries tied to oil and aluminum
  - ✓ Continuing to de-emphasize CMC as a standalone business
- ***Wood treatment technologies are at the heart of our value creation model***

# Koppers At-A-Glance



- Leading integrated global provider of oil and water-borne preservatives serving various market applications of treated wood
- Current business mix highlights de-emphasis of CMC as a standalone business
- Global geographic footprint:
  - 30 locations across North America, South America, Asia, Europe, and Australia

## Selected Product and Brand Overview

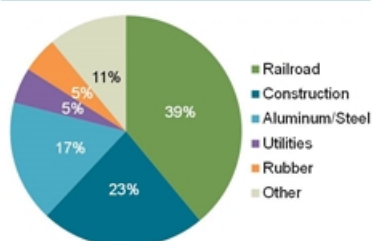


Pre-Treated Crossies

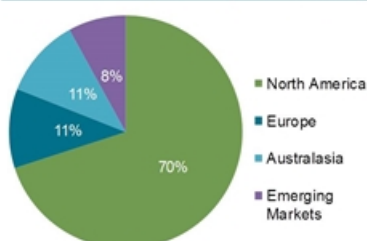


Treated Crossies with End Plates

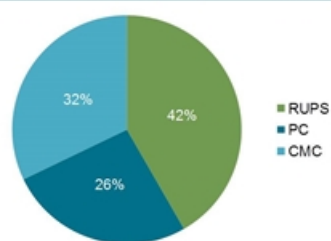
### 2015 Sales by End Market



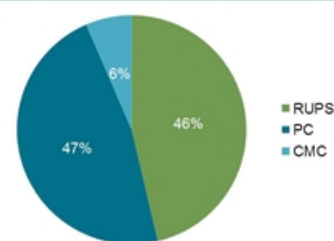
### LTM 9/30/16 Sales by Geography



### LTM 9/30/16 Sales by Segment



### LTM 9/30/16 Adj. EBITDA by Segment <sup>1</sup>



LTM 9/30/16

Sales: \$1,467 million

LTM 9/30/16

Adj. EBITDA: \$165 million

<sup>1</sup> Excludes corporate unallocated amounts

# Segment Overview

Unique product / service portfolio and niche end market focus			
	Railroad and Utility Products and Services (RUPS)	Performance Chemicals (PC)	Carbon Materials and Chemicals (CMC)
Key LTM 9/30/16 Financials <sup>1,2</sup>	<ul style="list-style-type: none"> <li>Sales: \$612 million</li> <li>Adj. EBITDA: \$78 million</li> <li>Adj. EBITDA Margin: 13%</li> </ul>	<ul style="list-style-type: none"> <li>Sales: \$384 million</li> <li>Adj. EBITDA: \$79 million</li> <li>Adj. EBITDA Margin: 21%</li> </ul>	<ul style="list-style-type: none"> <li>Sales: \$471 million</li> <li>Adj. EBITDA: \$11 million</li> <li>Adj. EBITDA Margin: 2%</li> </ul>
Highlights	<ul style="list-style-type: none"> <li>Largest supplier of railroad crossties to North American railroads</li> </ul>	<ul style="list-style-type: none"> <li>Global leader in developing, manufacturing and marketing wood preservation chemicals / technologies</li> </ul>	<ul style="list-style-type: none"> <li>Largest supplier of creosote to North American railroad industry</li> <li>Vertically integrated with RUPS</li> </ul>
Products & Services	<ul style="list-style-type: none"> <li>Railroad Crossties</li> <li>Railroad Bridge Services</li> <li>Rail Joint Bars</li> <li>Utility Poles</li> </ul>	<ul style="list-style-type: none"> <li>Wood Preservation Chemicals</li> <li>Coatings</li> <li>Water Repellants</li> <li>Pigmented Stains</li> <li>Fire Retardants</li> </ul>	<ul style="list-style-type: none"> <li>Carbon Pitch</li> <li>Creosote</li> <li>Carbon Black Feedstock</li> <li>Naphthalene</li> <li>Phthalic Anhydride</li> </ul>
Market Position Market Growth Key Market Drivers	<ul style="list-style-type: none"> <li>#1</li> <li>1-3%</li> <li>Replacement cycle</li> </ul>	<ul style="list-style-type: none"> <li>#1</li> <li>2-4%</li> <li>Repair, remodel and existing home sales</li> </ul>	<ul style="list-style-type: none"> <li>#1 or #2</li> <li>1-3%</li> <li>Global industrial growth</li> </ul>

<sup>1</sup> Excludes corporate unallocated amounts

<sup>2</sup> Adjusted EBITDA margin defined as Adjusted EBITDA as a percentage of GAAP sales

# Transforming Our Business Profile; Maximizing Our Profitability



	<u>PF 12/31/14<sup>1</sup></u>	<u>LTM 9/30/16</u>
Net Sales	\$1,820 million	\$1,467 million
EBITDA* Margin*	\$167 million 9.2%	\$165 million 11.3%
Net Leverage <sup>2</sup>	5.1x	4.1x
Business Segment Adj. EBITDA		
Wood-related Products & Services (RUPS & PC)	54%	68%

## Strategy

- Diversified commodity chemicals

- Transformation to integrated wood preservation business
- Delivering restructuring benefits and margin expansion

\* On an adjusted basis

<sup>1</sup>PF for the Osmose acquisition that closed in August 2014

<sup>2</sup>Defined as Total Debt less Cash divided by Adj. EBITDA



# Additional Benefits of CMC Consolidation Strategy



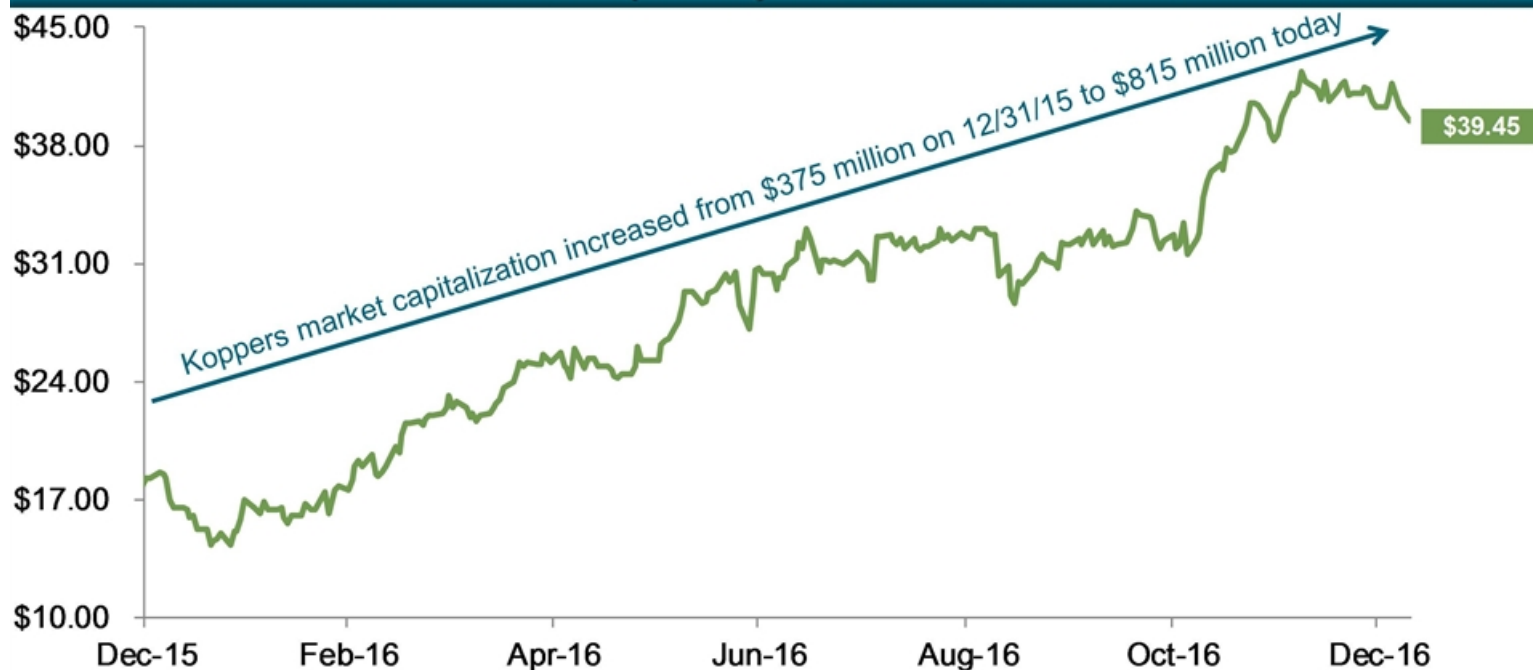
## Reduction in CMC Business Activity Results in...

- ✓ Lower capex spending and lower repair and maintenance spending
  - CMC requires significantly more property, plant and equipment compared to our other two segments
- ✓ Reduced working capital requirements
  - Smaller operating footprint reduces working capital needs
- ✓ Less of an overall environmental liability footprint
  - The nature of CMC's operations has historically resulted in more comprehensive environmental remediation vs. the RUPS and PC segments
- ✓ Less inherent safety risk
  - CMC has historically had the highest accident/incident rates vs. our other two segments

# Strategy Well Received by Equity Investors



Favorable Share Price Performance Underpinned by Successful Execution of Business Transformation;...



Note: Share price as of 01/09/17

Source: Capital IQ

...Additional Benefits Likely to Come as Transformation Continues

## Zero Harm Focus

Safety Statistics	YTD 9/30/16	2015	2014	2013	2012
Days Away (DA)	0.94	1.21	0.76	0.90	0.72
Days Away / Restricted Transfer (DART)	2.06	1.90	2.03	1.69	1.66
Total Recordable Rate (TRR)	3.12	3.45	3.91	3.71	3.99

- ✓ Achieved certification in American Chemistry Council's Responsible Care® initiative across 18 global facilities and corporate headquarters
- ✓ Received awards from BNSF Railway, Canadian National Railway and Union Pacific Railroad for excellence in chemical transportation safety performance
- ✓ 12 operating locations achieved a zero total recordable rate in 2015
  - ✓ Auckland
  - ✓ Christchurch
  - ✓ Darlington
  - ✓ Denver
  - ✓ Geelong
  - ✓ Houston
  - ✓ Hubbell
  - ✓ KCCC
  - ✓ Longford
  - ✓ Millington
  - ✓ Mt. Gambier
  - ✓ Scunthorpe

ZERO IS POSSIBLE

# Key Investment Highlights

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# Key Investment Highlights



Leading Global Producer of Wood Preservation and Enhancement Products

Vertically Integrated, Strategically Located Footprint

Attractive End Markets with Stable Growth Prospects Over the Cycle

Long-Term Contracts with Key Customers

Successfully Repositioned the Business, Driving Improved Financial Results

Consistent Free Cash Flow Generation and Deleveraging

# Leading Global Producer of Wood Preservation and Enhancement Products



Products play a critical role in end application and often have no substitutes

- Approximately 65% of our 2015 net sales came from products where we have the leading market position

	Product	Market Position
Wood Related	North American Crosstie	#1
	North American Wood Treating Chemicals	#1
	North American Creosote	#1
	Australian Creosote	#1
	Australian Utility Poles	#1
	Australian / New Zealand Wood Treating Chemicals	#1
	South / Central American Wood Treating Chemicals	#1
Other	Australian Carbon Pitch <sup>1</sup>	#1
	North American Merchant Phthalic Anhydride <sup>2</sup>	#1

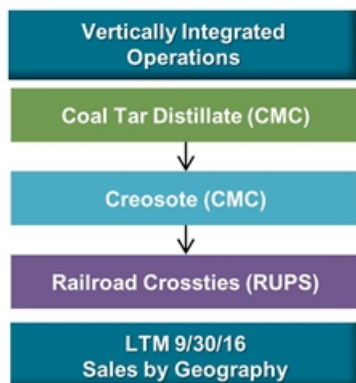
<sup>1</sup> Australian carbon pitch includes New Zealand market

<sup>2</sup> Reflects merchant market sales

# Vertically Integrated, Strategically Located Footprint



- Well positioned to capitalize on strong market presence
- Significantly improved efficiency since consolidating coal tar distillation facilities from 11 to 4 over a 3-year period (2014-2016)
- CMC processes coal tar into creosote consumed by RUPS for treatment of railroad cross ties





# Attractive End Markets with Stable Growth Prospects Over the Cycle



## RUPS & CMC

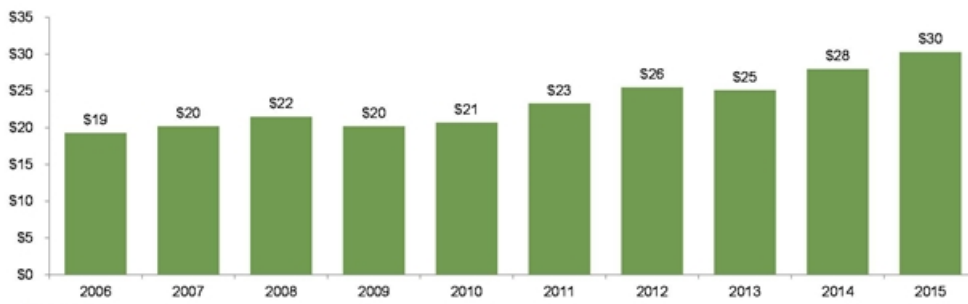
- Favorable trends in U.S. Class I Railroad infrastructure spending over a long-term period; reduced spending is expected in the next 12 months
- Installed base of 700 - 800 million wood crossties requiring periodic replacement
  - Stable replacement demand of 22 - 25 million crossties annually
- CMC's long-term strategy is to adequately meet RUPS' creosote needs for downstream products

## PC

- Repair and remodeling market trends driving strong demand for wood treatment chemicals
- Driven by rising residential construction activity and growth in disposable incomes

## U.S. Class I Railroad Infrastructure Spending

(\$ in billions)



Source: AAR

## U.S. Homeowner Repair and Improvement Activity

(\$ in billions)



Source: Joint Center for Housing Studies



# Long-Term Contracts with Key Customers



Key customers include railroad, wood preservation and other blue chip industrial companies

- 70% of 2015 North American RUPS sales are served under long-term contracts
- Currently supplies all 7 of the North American Class I railroads and have contracts with all of them
- Supplies 9 of the 10 largest lumber treating companies in the U.S., in addition to the top 3 lumber treating companies in Canada
- Deploys a key risk mitigation strategy to hedge underlying copper prices, a key raw material, associated with processing PC products
- 100% of RUPS' creosote supply comes from CMC

# Successfully Repositioned the Business...

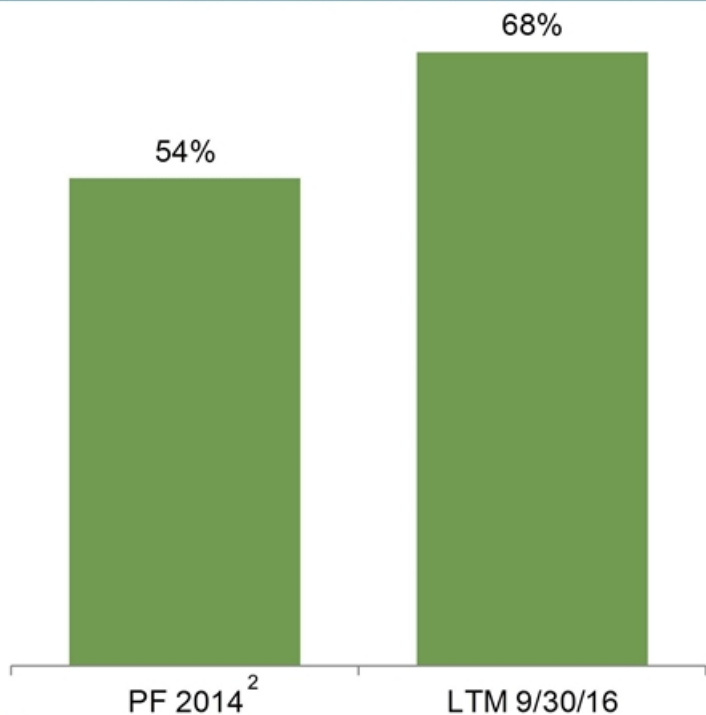


We are in the “5<sup>th</sup> inning” of our transformation

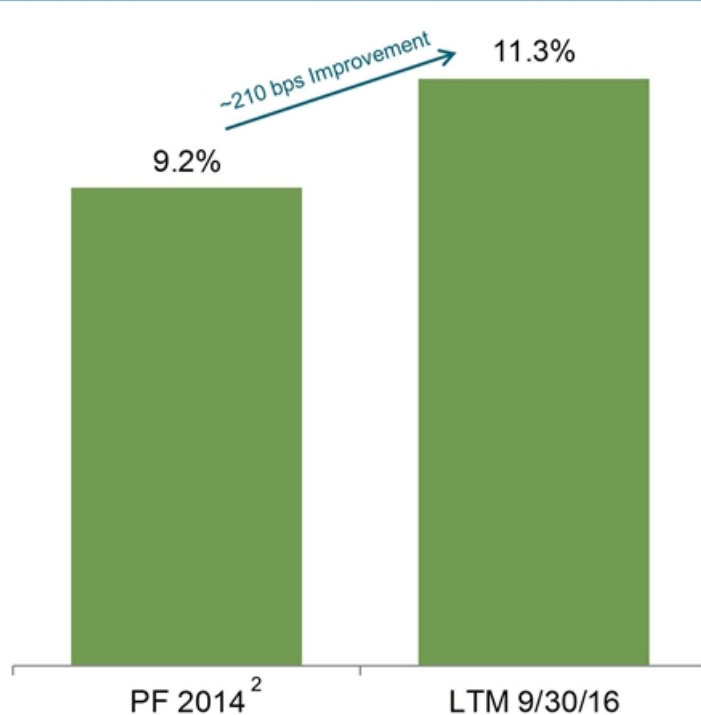
Strategic Initiative	Description	Expected Completion
✓ <b>Reduce China risk profile</b>	<ul style="list-style-type: none"> <li>Restructured loan agreements in China; renegotiated soft pitch agreement with Nippon Steel and received \$30 million (July 2015)</li> <li>Exited 2 of 3 existing joint ventures in China</li> </ul>	Q1 2017
✓ <b>De-emphasize CMC Business</b>	<ul style="list-style-type: none"> <li>Ceased distillation or sold 7 of 11 facilities by YE 2016</li> <li>CMC revenues decreased from two-thirds to less than ~32% of consolidated sales</li> <li>Expect to improve CMC profitability to 9 – 15% adjusted EBITDA through economic cycle by year-end 2018</li> </ul>	Q4 2017
✓ <b>Aggressively Targeted Debt Reduction</b> <i>Goal: Leverage Range of 2.0x – 3.0x</i>	<ul style="list-style-type: none"> <li>\$128 million operating cash flow in 2015; all-time high as public company</li> <li>Reduced debt by \$115 million in 2015; substantial progress towards near-term debt reduction goals</li> <li>Total debt was \$851 million at 12/31/14, \$735 million at 12/31/15 and \$693 million at 9/30/16</li> </ul>	Ongoing
✓ <b>Secure long-term business of key customer base</b>	<ul style="list-style-type: none"> <li>Extended contracts with the BNSF, CSX and NS into 2021</li> <li>Signed long-term rail joint agreements with 2 key railroad customers – NS (2019) &amp; UP (2021)</li> <li>Extended supply agreements with 2 largest PC customers into 2017 &amp; 2018, respectively</li> <li>Signed 2 long-term contracts that are expected to increase phthalic sales volume ≥ 20% YOY</li> </ul>	Ongoing
✓ <b>Divest non-core businesses</b>	<ul style="list-style-type: none"> <li>Sold North American utility business (January 2015)</li> <li>Sold KSA concrete tie joint venture (July 2015)</li> <li>Sold Wood Protection dimensional lumber-treating business (October 2016)</li> </ul>	Ongoing

## ...Driving Improved Financial Results...

### Wood-Related Revenue (%) <sup>1</sup>



### Adj. EBITDA Margin (%)



Focus on wood preservation has yielded significant operational improvement

<sup>1</sup> Total of RUPS and PC segments

<sup>2</sup> PF for the Osmose acquisition that closed in August 2014

# ...While Reducing Impact of Oil Price Volatility on Profitability



LTM Adj. EBITDA & WTI Price



<sup>1</sup> As of September 30, 2016

Note: PF for the Osmose acquisition that closed in August 2014

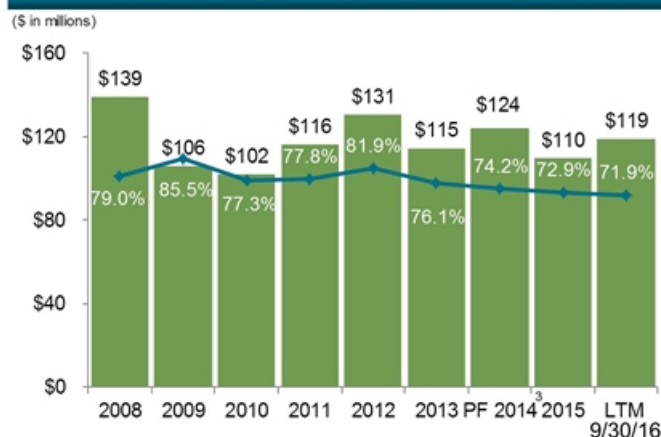
Source: Factset

# Consistent Free Cash Flow and Deleveraging



- Company generated >\$1 billion in positive free cash flow since the 2008 recession
- Low maintenance capex and working capital requirements provide strong free cash flow conversion of >70%
- Additional cash flow from operational efficiencies as a result of the recent repositioning of the business
- Discontinued dividend in 2015 (\$20 million per annum)
- Generated more than \$350 million in cumulative free cash flow since FY 2014 <sup>1,2</sup>
- Total debt / leverage reduction from \$851 million to \$693 million; from 5.1x to 4.2x since FY 2014

## Free Cash Flow & Conversion <sup>1,2</sup>



## Total Debt and Total Leverage



<sup>1</sup> Free cash flow defined as Adj. EBITDA less capital expenditures. Free cash flow conversion ratio defined as free cash flow divided by Adj. EBITDA

<sup>2</sup> 2013 and 2014 capital expenditures excludes \$37 million and \$41 million, respectively, attributable to the construction of the tar distillation facility in Jiangsu Province, China and continued consolidation of North American tar distillation operations

<sup>3</sup> PF for the Osmose acquisition that closed in August 2014

Note: 2008 – 2013 not pro forma for Osmose acquisition

# Key Investment Highlights



Leading Global Producer of Wood Preservation and Enhancement Products

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Attractive End Markets with Stable Growth Prospects Over the Cycle

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Consistent Free Cash Flow Generation and Deleveraging

# **Business Strategy & Financial Overview**

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# Business Strategy

## Continue transition to enterprise centered on wood preservation and enhancement

- Grow position in attractive railroad and residential wood treating industries
- Leverage long-term customer relationships and strategic footprint
- Match coal tar distillation in North America and Europe from CMC to meet creosote needs in RUPS

## Capitalize on attractive growth opportunities

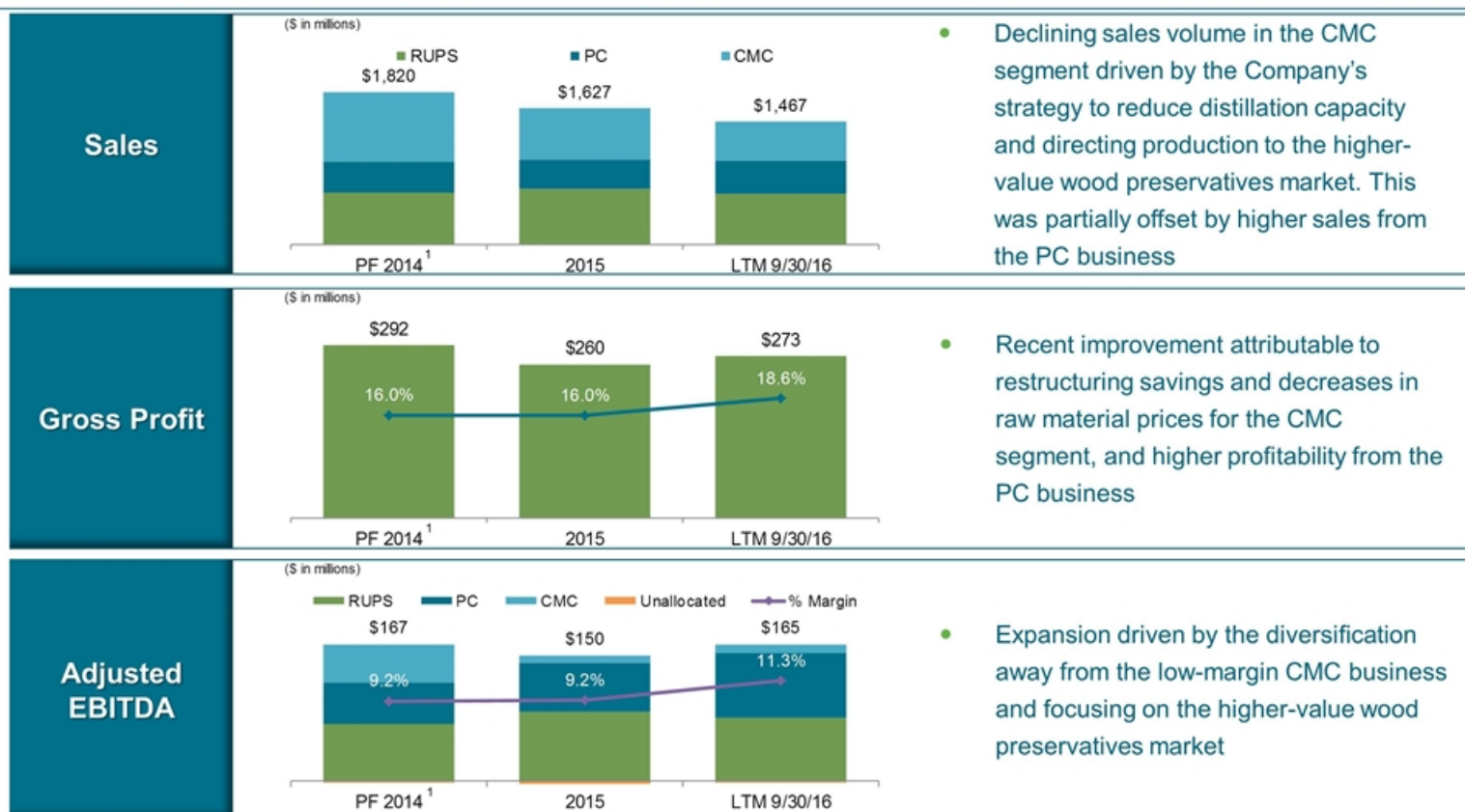
- Take advantage of opportunities to expand existing product portfolio and also sell existing products to adjacent end markets to boost market share
- Pursue growth opportunities through selective tuck-in acquisitions and consolidation

## Continue productivity and cost reduction initiatives

- Reduce indebtedness by applying available cash flow
- Complete reduction of excess coal tar distillation capacity
- Continue to secure long-term business of key customer base



# Consolidated Performance Summary



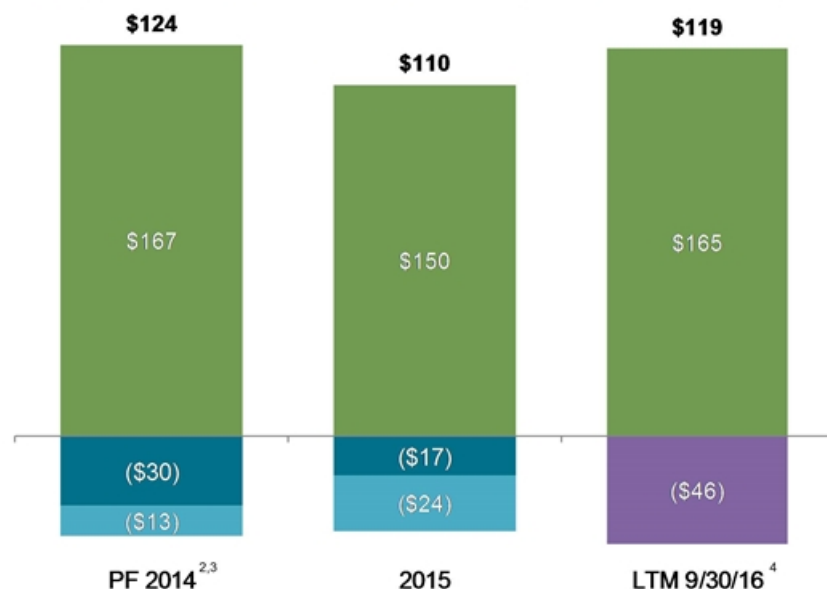
<sup>1</sup> PF for the Osmose acquisition that closed in August 2014

# Historical Free Cash Flow Overview

## Free Cash Flow <sup>1</sup>

(\$ in millions)

■ Adj. EBITDA ■ Total CapEx ■ Growth CapEx ■ Maintenance CapEx



<sup>1</sup> Free cash flow defined as Adj. EBITDA less capital expenditures

<sup>2</sup> PF for the Osmose acquisition that closed in August 2014; Osmose capital expenditures not material

<sup>3</sup> Excludes \$41 million in capital expenditures attributable to the construction of the tar distillation facility in Jiangsu Province, China and continued consolidation of North American tar distillation operations

<sup>4</sup> Capital expenditure breakout unavailable for the LTM period

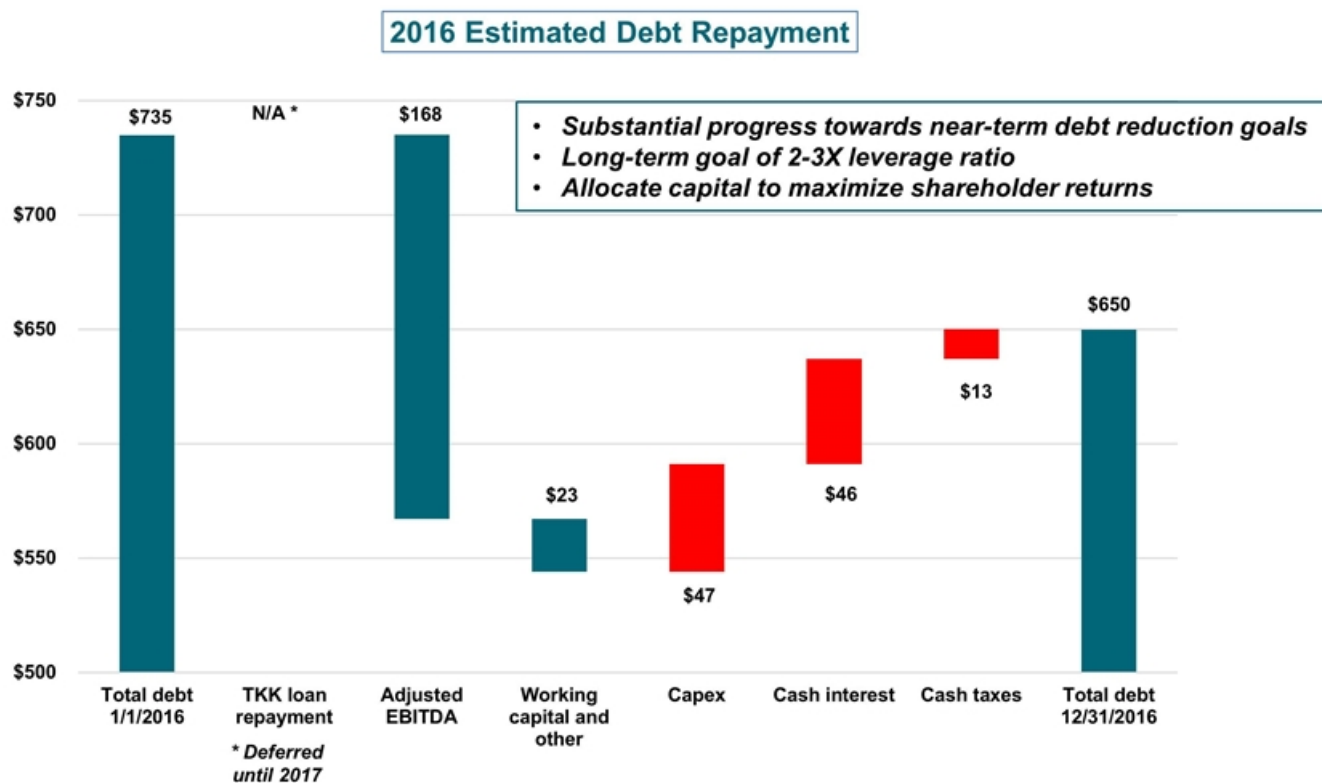
- Consistent free cash flow growth driven by strong operating margins coupled with a low capex business model
  - Maintenance capex historically ~65% of total capex
  - Growth capex historically ~35% of total capex
  - Significant increase in capital spending in 2017 due primarily to funding CMC consolidation project, normalized thereafter
- Suspended quarterly dividend in 2015
  - Allows an additional ~\$20 million of cash flow to be focused towards core business investment and debt repayment annually

# Estimated Debt Repayment

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# 2016 Estimated Debt Repayment

(\$ in millions)



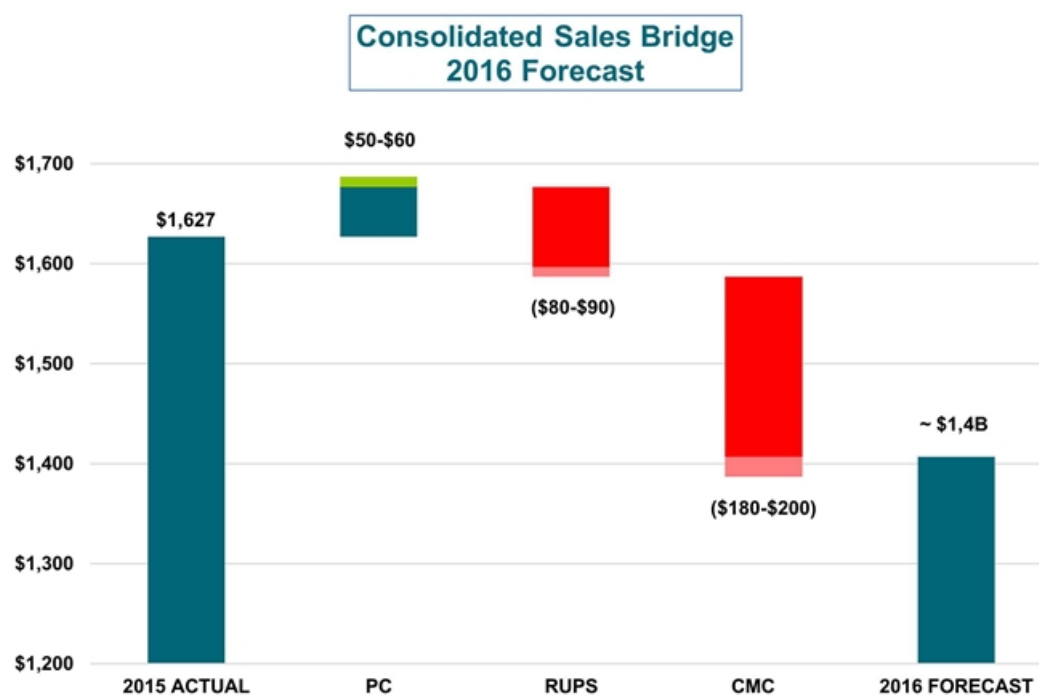
# 2016 Guidance

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# 2016 Sales Forecast of ~\$1.4B



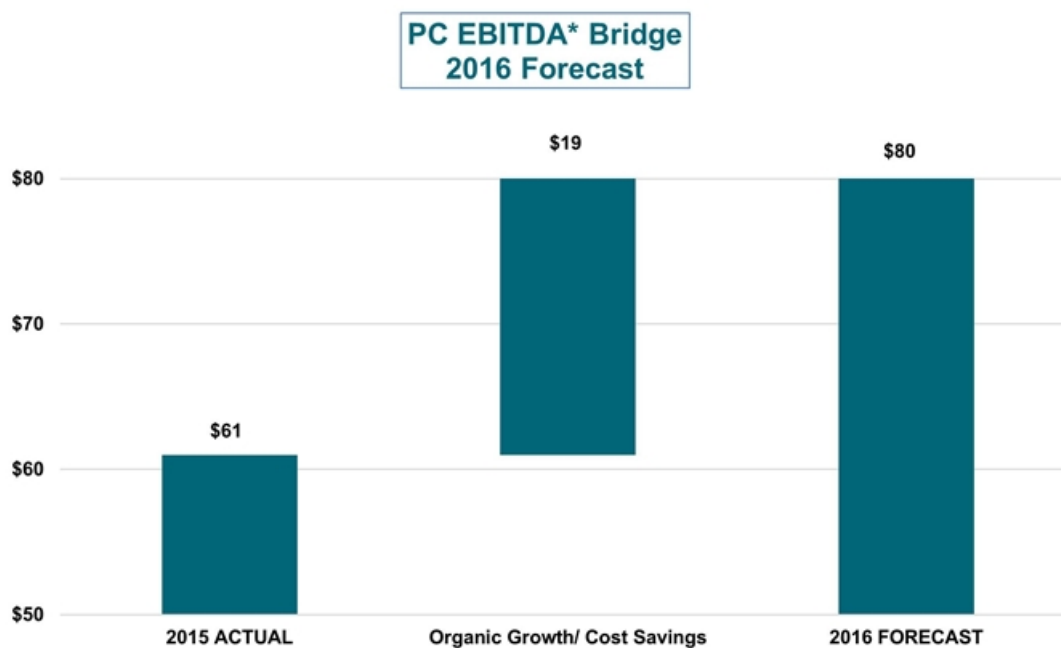
(\$ in millions)



# 2016 EBITDA\* Forecast: PC Net Improvement of \$19M



(\$ in millions)



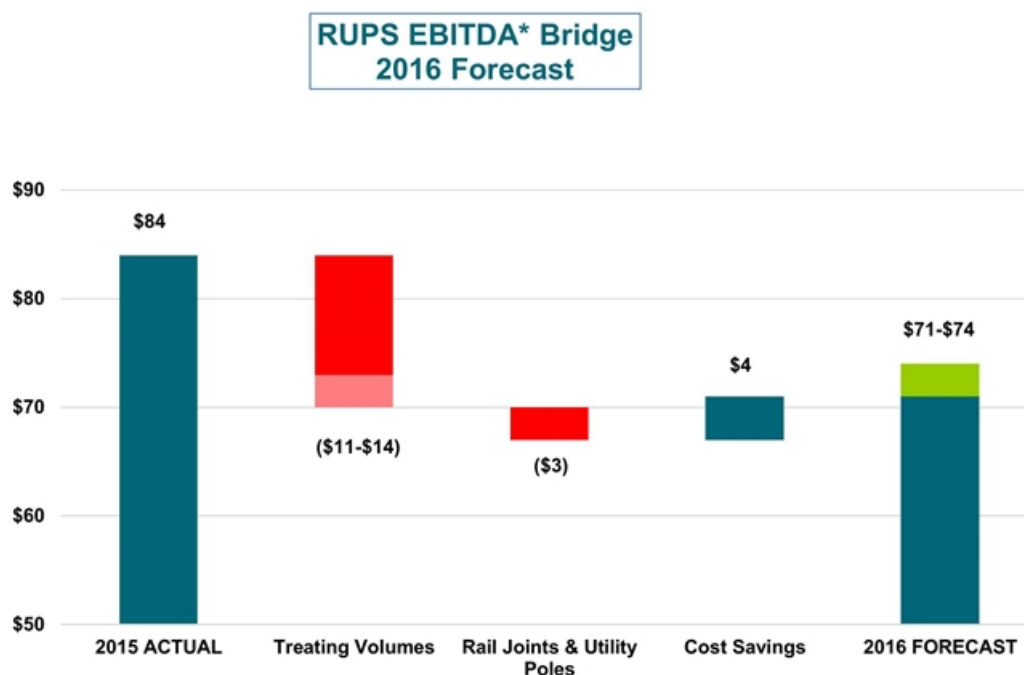
\* On an adjusted basis

# 2016 EBITDA\* Forecast: RUPS

## Expect Lower Treating Volumes; Commercial Softening



(\$ in millions)



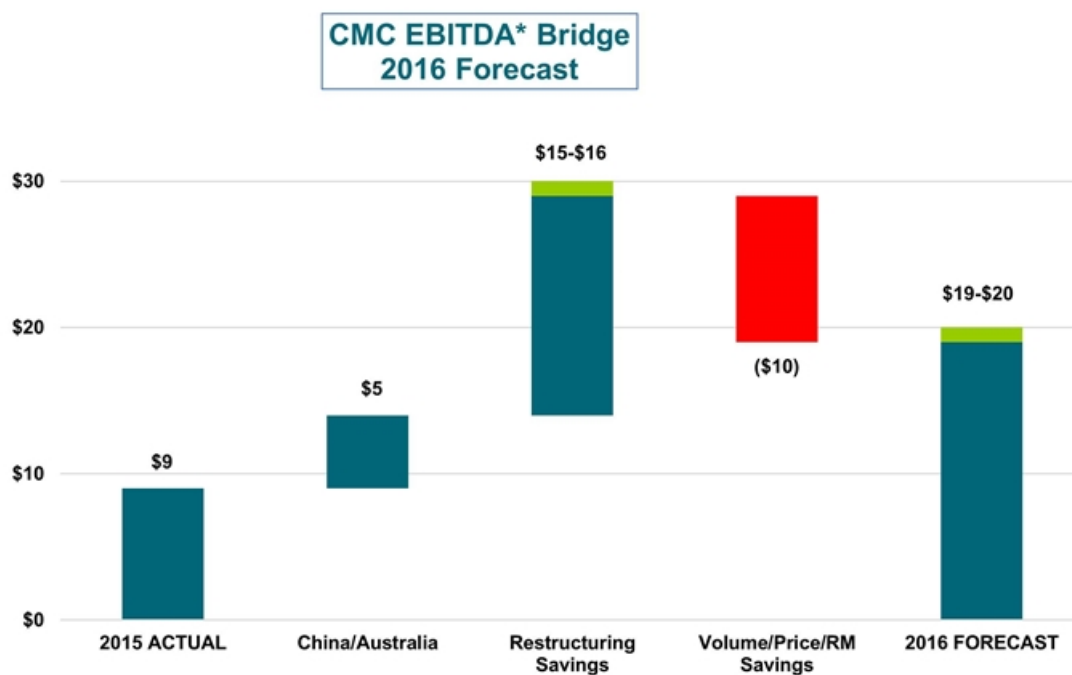
\* On an adjusted basis



# 2016 EBITDA\* Forecast: CMC Increase of \$10-\$11M



(\$ in millions)

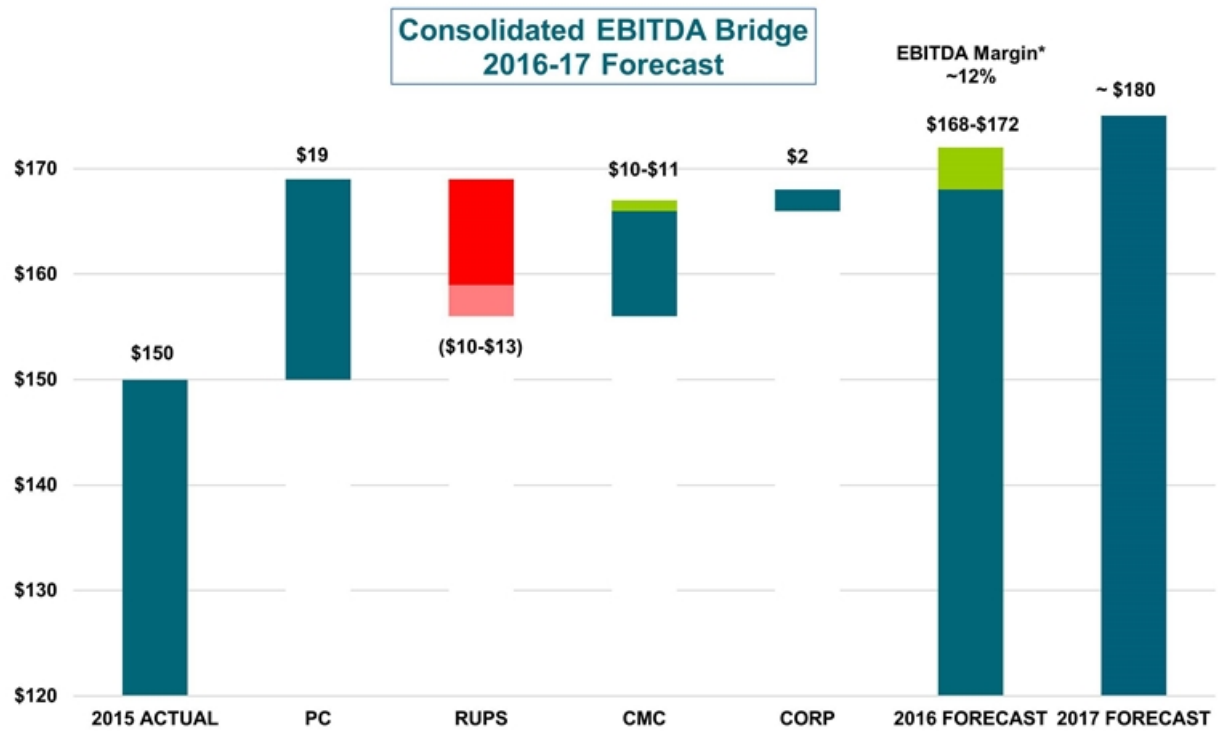


\* On an adjusted basis

# 2016 EBITDA Forecast: Consolidated EBITDA\* of \$168M-\$172M



(\$ in millions)



\* On an adjusted basis

# Appendix

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## Non-GAAP Measures and Guidance

*Koppers believes that EBITDA, adjusted EBITDA, adjusted EBITDA margin, free cash flow, free cash flow conversion ratio and net leverage provide information useful to investors in understanding the underlying operational performance of the company, its business and performance trends and facilitates comparisons between periods and with other corporations in similar industries. The exclusion of certain items permits evaluation and a comparison of results for ongoing business operations, and it is on this basis that Koppers management internally assesses the company's performance. In addition, the Board of Directors and executive management team use adjusted EBITDA and adjusted earnings per share as performance measures under the company's annual incentive plans.*

*Although Koppers believes that these non-GAAP financial measures enhance investors' understanding of its business and performance, these non-GAAP financial measures should not be considered an alternative to GAAP basis financial measures and should be read in conjunction with the relevant GAAP financial measure. Other companies in a similar industry may define or calculate these measures differently than the company, limiting their usefulness as comparative measures. Because of these limitations, these non-GAAP financial measures should not be considered in isolation or as substitutes for performance measures calculated in accordance with GAAP.*

*For the company's guidance, adjusted EBITDA excludes restructuring, impairment, non-cash LIFO charges, and non-cash mark-to-market commodity hedging. The forecasted amounts for these items are not determinable, but may be significant. For that reason, the company is unable to provide GAAP earnings estimates at this time. Final results could also be affected by various other factors that management is unaware of at this time.*

# Consolidated Adjusted EBITDA and Free Cash Flow Reconciliation



(\$ in millions)	Fiscal Year Ended,								LTM
	2008	2009	2010	2011	2012	2013	PF 2014 <sup>1</sup>	2015	9/30/2016
Net Sales	\$1,364.8	\$1,124.4	\$1,245.5	\$1,466.2	\$1,550.0	\$1,478.3	\$1,820.0	\$1,626.9	\$1,466.7
Net Income (loss)	138.7	21.4	44.5	37.6	67.2	40.1	(19.4)	(76.0)	(67.4)
Interest expense including refinancing	41.4	58.7	27.1	27.2	27.9	26.8	49.8	50.7	50.5
Depreciation and amortization	30.0	24.8	28.1	26.9	28.2	41.6	56.7	59.0	55.8
Income tax provision	41.6	13.8	29.1	38.7	33.3	36.8	48.6	(4.2)	(3.7)
Discontinued operations	(90.3)	0.3	0.2	19.9	0.1	0.1	(0.6)	0.1	(0.5)
Impairment charges and other	-	-	-	-	-	-	4.7	-	0.3
<b>EBITDA</b>	<b>\$161.4</b>	<b>\$119.0</b>	<b>\$129.0</b>	<b>\$150.3</b>	<b>\$156.7</b>	<b>\$145.4</b>	<b>\$139.9</b>	<b>\$29.6</b>	<b>\$35.0</b>
Unusual items impacting net income									
Severance charges	\$0.8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal settlements	-	-	0.9	-	-	-	-	-	-
Acquisition expenses and costs	-	1.6	1.6	-	-	-	-	-	-
Plant outages	2.4	2.8	1.5	-	-	-	-	-	-
Plant closure costs	-	0.6	0.5	-	2.8	2.6	0.3	8.5	6.4
Net gain on sale of businesses	-	-	(1.6)	(0.9)	-	(1.8)	-	(2.3)	2.8
CMC Restructuring	-	-	-	-	-	0.8	25.8	46.3	63.1
Storage tank and railcar cleaning costs	-	-	-	-	-	3.4	-	-	-
Non-cash LIFO expense	11.7	-	-	-	-	-	1.2	0.2	(5.8)
Mark-to-market commodity hedging	-	-	-	-	-	-	-	0.7	0.3
Reimbursement Environmental Costs	-	-	-	-	-	-	-	-	(2.7)
Escrow Recovery	-	-	-	-	-	-	-	-	(1.0)
Goodwill Impairment	-	-	-	-	-	-	-	67.2	67.2
<b>Adjusted EBITDA with noncontrolling interests</b>	<b>\$176.3</b>	<b>\$124.0</b>	<b>\$131.9</b>	<b>\$149.4</b>	<b>\$159.5</b>	<b>\$150.4</b>	<b>\$167.2</b>	<b>\$150.2</b>	<b>\$165.4</b>
Adj. EBITDA Margin	12.9%	11.0%	10.6%	10.2%	10.3%	10.2%	9.2%	9.2%	11.3%
Less:									
Capital Expenditures	\$37.1	\$18.0	\$29.9	\$33.2	\$28.9	\$35.9	\$43.1	\$40.7	\$46.5
<b>Free Cash Flow</b>	<b>\$139.2</b>	<b>\$106.0</b>	<b>\$102.0</b>	<b>\$116.2</b>	<b>\$130.6</b>	<b>\$114.5</b>	<b>\$124.1</b>	<b>\$109.5</b>	<b>\$118.9</b>
Free Cash Flow Conversion (%)	79.0%	85.5%	77.3%	77.8%	81.9%	76.1%	74.2%	72.9%	71.9%

Source: Company press releases, Company filings

<sup>1</sup> PF for the Osmose acquisition that closed in August 2014

# Consolidated LTM Adjusted EBITDA Reconciliation



(\$ in millions)	Last Twelve Months Ended,			
	Sep 15	Mar 16	Jun 16	Sep 16
Net Income (loss)	(\$23.0)	(\$73.6)	(\$70.2)	(\$67.4)
Interest expense including refinancing	52.3	50.0	51.4	50.5
Depreciation and amortization	61.8	62.1	57.5	55.8
Income tax provision	35.0	(4.1)	(2.7)	(3.7)
Discontinued operations	(0.5)	(0.5)	(0.5)	(0.5)
Impairment charges and other	-	0.3	0.3	0.3
<b>EBITDA</b>	<b>\$125.6</b>	<b>\$34.2</b>	<b>\$35.8</b>	<b>\$35.0</b>
Unusual items impacting net income				
Treatment plant closures	\$4.7	\$3.5	\$4.0	\$2.9
Non-Cash LIFO	3.1	(1.9)	(4.5)	(5.8)
CMC restructuring	13.3	53.5	62.4	66.8
PC inventory step-up	0.9	-	-	-
Net loss (gain) on sale of business	(2.6)	0.7	1.5	2.7
Goodwill impairment	-	67.2	67.2	67.2
Mark-to-market commodity hedging	-	0.4	0.4	0.3
Environmental costs	-	-	(2.7)	(2.7)
Escrow Recovery	-	(1.0)	(1.0)	(1.0)
<b>Adjusted EBITDA with noncontrolling interests</b>	<b>\$145.0</b>	<b>\$156.6</b>	<b>\$163.1</b>	<b>\$165.4</b>
<i>Adj. EBITDA Margin</i>	<i>8.6%</i>	<i>9.9%</i>	<i>10.7%</i>	<i>11.3%</i>

Source: Company press releases, Company filings



# LTM 9/30/16 Adjusted EBITDA Reconciliation by Segment



(\$ in millions)	RUPS	PC	CMC	Corporate Unallocated	Consolidated
Operating profit	\$61.0	\$60.0	(\$141.0)	(\$3.1)	(\$23.1)
Other income	(1.4)	3.6	(0.4)	0.2	2.0
Depreciation	13.0	19.1	23.7	-	55.8
Other	(3.6)	(0.1)	3.9	0.1	0.3
<b>EBITDA with noncontrolling interest</b>	<b>\$69.0</b>	<b>\$82.6</b>	<b>(\$113.8)</b>	<b>(\$2.8)</b>	<b>\$35.0</b>
Unusual items impacting net income:					
Gain on sale of RUPS businesses	\$2.8	\$ -	\$ -	\$ -	\$2.8
CMC restructuring	-	-	63.1	-	63.1
RUPS treating plant closures	6.4	-	-	-	6.4
LIFO	(0.3)	-	(5.5)	-	(5.8)
Goodwill impairment	-	-	67.2	-	67.2
Mark-to-market commodity hedging (non-cash)	-	0.4	-	-	0.4
Escrow recovery	-	(1.0)	-	-	(1.0)
Reimbursement of environmental costs	-	(2.7)	-	-	(2.7)
<b>Adjusted EBITDA</b>	<b>\$77.9</b>	<b>\$79.3</b>	<b>\$11.0</b>	<b>(\$2.8)</b>	<b>\$165.4</b>
<i>Adj. EBITDA % of total (excluding corporate unallocated)</i>	<i>46.3%</i>	<i>47.1%</i>	<i>6.5%</i>		

Source: Company press release

# 9M Ended 9/30/16 Adjusted EBITDA Reconciliation by Segment



(\$ in millions)	RUPS	PC	CMC	Corporate Unallocated	Consolidated
Operating profit	\$46.9	\$52.6	(\$29.8)	(\$2.2)	\$67.5
Other income	(1.3)	2.9	0.1	0.5	2.2
Depreciation	9.9	14.3	17.8	-	42.0
Other	-	-	0.3	0.1	0.4
<b>EBITDA with noncontrolling interest</b>	<b>\$55.5</b>	<b>\$69.8</b>	<b>(\$11.6)</b>	<b>(\$1.6)</b>	<b>\$112.1</b>
Unusual items impacting net income:					
Gain on sale of RUPS businesses	\$2.5	\$ -	\$ -	\$ -	\$2.5
CMC restructuring	-	-	27.8	-	27.8
RUPS treating plant closures	2.3	-	-	-	2.3
LIFO	(0.3)	-	(3.8)	-	(4.1)
Mark-to-market commodity hedging (non-cash)	-	(0.3)	-	-	(0.3)
Escrow recovery	-	(1.0)	-	-	(1.0)
Reimbursement of environmental costs	-	(2.7)	-	-	(2.7)
<b>Adjusted EBITDA</b>	<b>\$60.0</b>	<b>\$65.8</b>	<b>\$12.4</b>	<b>(\$1.6)</b>	<b>\$136.6</b>

Source: Company press release

# 9M Ended 9/30/15 Adjusted EBITDA Reconciliation by Segment



(\$ in millions)	RUPS	PC	CMC	Corporate Unallocated	Consolidated
Operating profit	\$48.1	\$31.6	(\$13.8)	(\$4.9)	\$61.0
Other income	0.1	1.2	(2.8)	1.9	0.4
Depreciation	11.1	14.2	19.9	-	45.2
Other	3.6	0.1	(3.6)	-	0.1
<b>EBITDA with noncontrolling interest</b>	<b>\$62.9</b>	<b>\$47.1</b>	<b>(\$0.3)</b>	<b>(\$3.0)</b>	<b>\$106.7</b>
Unusual items impacting net income:					
Gain on sale of RUPS businesses	(\$2.6)	\$ -	\$ -	\$ -	(\$2.6)
CMC restructuring	-	-	11.0	-	11.0
RUPS treating plant closures	4.4	-	-	-	4.4
LIFO	1.7	-	0.2	-	1.9
<b>Adjusted EBITDA</b>	<b>\$66.4</b>	<b>\$47.1</b>	<b>\$10.9</b>	<b>(\$3.0)</b>	<b>\$121.4</b>

Source: Company press release

# 2015 Adjusted EBITDA Reconciliation by Segment



(\$ in millions)	RUPS	PC	CMC	Corporate Unallocated	Consolidated
Operating profit	\$62.2	\$39.0	(\$125.0)	(\$5.8)	(\$29.6)
Other income	0.0	1.9	(3.3)	1.6	0.2
Depreciation	14.2	19.0	25.8	-	59.0
<b>EBITDA with noncontrolling interest</b>	<b>\$76.4</b>	<b>\$59.9</b>	<b>(\$102.5)</b>	<b>(\$4.2)</b>	<b>\$29.6</b>
Unusual items impacting net income:					
Gain on sale of RUPS businesses	(\$2.3)	\$ -	\$ -	\$ -	(\$2.3)
CMC restructuring	-	-	46.3	-	46.3
RUPS treating plant closures	8.5	-	-	-	8.5
LIFO	1.7	-	(1.5)	-	0.2
Goodwill impairment	-	-	67.2	-	67.2
Mark-to-market commodity hedging (non-cash)	-	0.7	-	-	0.7
<b>Adjusted EBITDA</b>	<b>\$84.3</b>	<b>\$60.6</b>	<b>\$9.5</b>	<b>(\$4.2)</b>	<b>\$150.2</b>

Source: Company press release

# Pro Forma 2014 Adjusted EBITDA Reconciliation by Segment



(\$ in millions)	RUPS	PC	CMC	Corporate Unallocated	Consolidated
Net Sales	\$597.8	\$123.5	\$833.7	\$ -	\$1,555.0
Osmose pre-acquisition sales	24.0	240.6	-	-	264.6
Pro forma adjusted sales	\$621.8	\$364.1	\$833.7	\$ -	\$1,819.6
Operating profit	\$53.6	\$1.6	(\$5.3)	(\$16.7)	\$33.2
Other income	(0.1)	1.4	(1.9)	0.6	0.0
Depreciation	11.9	7.1	25.0	-	44.0
<b>EBITDA with noncontrolling interest</b>	<b>\$65.4</b>	<b>\$10.1</b>	<b>\$17.8</b>	<b>(\$16.1)</b>	<b>\$77.2</b>
Unusual items impacting net income:					
CMC restructuring	\$ -	\$ -	\$30.5	\$ -	\$30.5
RUPS treating plant closures	0.3	-	-	-	0.3
LIFO	2.3	-	(1.1)	-	1.2
PC inventory step-up amortization	-	3.6	-	-	3.6
Osmose acquisition costs	-	-	-	3.5	3.5
<b>Adjusted EBITDA</b>	<b>\$68.0</b>	<b>\$13.7</b>	<b>\$47.2</b>	<b>(\$12.6)</b>	<b>\$116.3</b>
Osmose pre-acquisition EBITDA	\$2.4	\$37.6	\$ -	\$ -	40.0
Osmose acquisition costs	-	-	-	11.0	11.0
<b>Pro Forma Adjusted EBITDA</b>	<b>\$70.4</b>	<b>\$51.3</b>	<b>\$47.2</b>	<b>(\$1.7)</b>	<b>\$167.2</b>

Source: Company press release

**Koppers Holdings Inc.**

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**Contact Information**

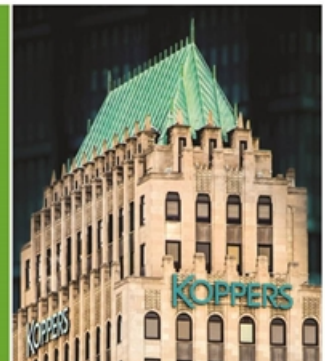
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