Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2014

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014

A This return/report is for:
- [ ] a multiemployer plan;
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions); or
- [X] a single-employer plan;
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report;
- [ ] the final return/report;
- [ ] an amended return/report;
- [ ] a short plan year return/report (less than 12 months).

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558;
- [ ] automatic extension;
- [ ] the DFVC program;
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
HUNTSMAN PIGMENTS HOURLY PENSION PLAN ST. LOUIS

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 04/01/1995

2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan)
HUNTSMAN PIGMENTS AMERICAS, LLC

7101 MUIRKIRK RD.
BELTSVILLE, MD 20705-1333

2b Employer Identification Number (EIN)
06-0850804

2c Plan Sponsor's telephone number
301-210-3400

2d Business code (see instructions)
325900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/07/2015	JOYCELYN TAY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/07/2015	JOYCELYN TAY
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

Preparer's name (including firm name, if applicable) and address (include room or suite number) (optional)

Preparer's telephone number (optional)

3a Plan administrator's name and address [X] Same as Plan Sponsor	**3b** Administrator's EIN	
	3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report:	**4b** EIN	06-0850804
a Sponsor's name ROCKWOOD PIGMENTS NA, INC.	**4c** PN	001
5 Total number of participants at the beginning of the plan year	**5**	72
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	33
a(2) Total number of active participants at the end of the plan year	**6a(2)**	31
b Retired or separated participants receiving benefits	**6b**	33
c Other retired or separated participants entitled to future benefits	**6c**	11
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**.	**6d**	75
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f Total. Add lines **6d** and **6e**.	**6f**	75
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	9
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
1B 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)		**9b** Plan benefit arrangement (check all that apply)	
(1)	[ ] Insurance	**(1)**	[ ] Insurance
(2)	[ ] Code section 412(e)(3) insurance contracts	**(2)**	[ ] Code section 412(e)(3) insurance contracts
(3)	[X] Trust	**(3)**	[X] Trust
(4)	[ ] General assets of the sponsor	**(4)**	[ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- **(1)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [X] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [ ] **H** (Financial Information)
- **(2)** [X] **I** (Financial Information – Small Plan)
- **(3)** [ ] **A** (Insurance Information)
- **(4)** [ ] **C** (Service Provider Information)
- **(5)** [ ] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

Part III	**Form M-1 Compliance Information (to be completed by welfare benefit plans)**

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ……..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2014 Form M-1 annual report. If the plan was not required to file the 2014 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2014

This Form is Open to Public Inspection

For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
HUNTSMAN PIGMENTS HOURLY PENSION PLAN ST. LOUIS

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
HUNTSMAN PIGMENTS AMERICAS, LLC

D Employer Identification Number (EIN)
06-0850804

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2014

2 Assets:

a Market value	**2a**	4572118
b Actuarial value	**2b**	4393463

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	28	1621266	1621266
b For terminated vested participants	11	289263	289263
c For active participants	33	2580439	2634451
d Total	72	4490968	4544980

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	6.47%
6 Target normal cost	**6**	167383

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Signature of actuary — Date: 10/05/2015

CHRISTOPHER J. YURWITZ — Type or print name of actuary

14-06958 — Most recent enrollment number

HEWITT ASSOCIATES, LLC. — Firm name

312-381-4800 — Telephone number (including area code)

200 E RANDOLPH STREET, SUITE 1400
CHICAGO, IL 60601

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of 11.38%	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		55
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 6.66 %		4
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		59
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	96.66 %
15	Adjusted funding target attainment percentage	15	96.66 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	95.49 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/11/2014	71655				
07/11/2014	71655				
10/10/2014	37509				
01/07/2015	37509				
01/15/2015	22764				
09/03/2015	300000				
			Totals ► 18(b)	541092	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	502192

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
4.99 %	6.32 %	6.99 %	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	61

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes	☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes	☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes	☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	167383
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	151517	100483
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	267866

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)	**36**	267866
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	502192

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	234326
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment	**42**	
43 Excess installment acceleration amount to be carried over to future plan years	**43**	

SCHEDULE I (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information—Small Plan

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2014

This Form is Open to Public Inspection

For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014

A Name of plan
HUNTSMAN PIGMENTS HOURLY PENSION PLAN ST. LOUIS

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
HUNTSMAN PIGMENTS AMERICAS, LLC

D Employer Identification Number (EIN)
06-0850804

Complete Schedule I if the plan covered fewer than 100 participants as of the beginning of the plan year. You may also complete Schedule I if you are filing as a small plan under the 80-120 participant rule (see instructions). Complete Schedule H if reporting as a large plan or DFE.

Part I Small Plan Financial Information

Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. Include all income and expenses of the plan including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. **Round off amounts to the nearest dollar.**

			(a) Beginning of Year	**(b)** End of Year
1	**Plan Assets and Liabilities:**			
a	Total plan assets	1a	4575952	5165216
b	Total plan liabilities	1b		
c	Net plan assets (subtract line 1b from line 1a)	1c	4575952	5165216
2	**Income, Expenses, and Transfers for this Plan Year:**		**(a)** Amount	**(b)** Total
a	Contributions received or receivable:			
	(1) Employers	2a(1)	541092	
	(2) Participants	2a(2)		
	(3) Others (including rollovers)	2a(3)		
b	Noncash contributions	2b		
c	Other income	2c	240734	
d	Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c)	2d		781826
e	Benefits paid (including direct rollovers)	2e	170510	
f	Corrective distributions (see instructions)	2f		
g	Certain deemed distributions of participant loans (see instructions)	2g		
h	Administrative service providers (salaries, fees, and commissions)	2h	22052	
i	Other expenses	2i		
j	Total expenses (add lines 2e, 2f, 2g, 2h, and 2i)	2j		192562
k	Net income (loss) (subtract line 2j from line 2d)	2k		589264
l	Transfers to (from) the plan (see instructions)	2l		

3 **Specific Assets:** If the plan held assets at anytime during the plan year in any of the following categories, check "Yes" and enter the current value of any assets remaining in the plan as of the end of the plan year. Allocate the value of the plan's interest in a commingled trust containing the assets of more than one plan on a line-by-line basis unless the trust meets one of the specific exceptions described in the instructions.

			Yes	No	Amount
a	Partnership/joint venture interests	3a		X	
b	Employer real property	3b		X	
c	Real estate (other than employer real property)	3c		X	
d	Employer securities	3d		X	
e	Participant loans	3e		X	

		Yes	No	Amount
3f Loans (other than to participants)	3f		X	
g Tangible personal property	3g		X	

Part II Compliance Questions

4 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance.	4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible?	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.)	4d		X	
e Was the plan covered by a fidelity bond?	4e	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest?	4i		X	
j Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4j		X	
k Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.)	4k	X		
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year ☐ **Yes** ☒ **No** **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined

Part III Trust Information (optional)

6a Name of trust	**6b** Trust's EIN

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2014

This Form is Open to Public Inspection.

For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014

A Name of plan
HUNTSMAN PIGMENTS HOURLY PENSION PLAN ST. LOUIS

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
HUNTSMAN PIGMENTS AMERICAS, LLC

D Employer Identification Number (EIN)
06-0850804

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1** 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 16-0538020

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3** 0

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section of 412 of the Internal Revenue Code or ERISA section 302, skip this Part)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☒ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☒ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☒ **No**

Part IV ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ File as an attachment to Form 5500 or 5500-SF.

OMB No. 1210-0110

2014

This Form is Open to Public Inspection

For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan

Rockwood Pigments Hourly Pension Plan St. Louis

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF

Rockwood Pigments NA, Inc.

D Employer Identification Number (EIN)

06-0850804

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 1 Day 1 Year 2014

2 Assets:

a Market value	**2a**	4,572,118
b Actuarial value	**2b**	4,393,463

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	28	1,621,266	1,621,266
b For terminated vested participants	11	289,263	289,263
c For active participants	33	2,580,439	2,634,451
d Total	72	4,490,968	4,544,980

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	6.47 %
6 Target normal cost	**6**	167,383

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Christopher J Yurwitz CJY

Signature of actuary

10/05/2015

Date

Christopher J. Yurwitz

Type or print name of actuary

14-06958

Most recent enrollment number

Hewitt Associates, LLC.

Firm name

(312) 381-4800

Telephone number (including area code)

200 E Randolph Street, Suite 1400

Chicago IL 60601

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of 11.38%	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		55
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 6.68%		4
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		59
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	96.66 %
15	Adjusted funding target attainment percentage	15	96.66 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	95.49 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/11/2014	71,655				
07/11/2014	71,655				
10/10/2014	37,509				
01/07/2015	37,509				
01/15/2015	22,764				
09/03/2015	300,000				
			Totals ► 18(b)	541,092	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	502,192

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
4.99 %	6.32 %	6.99 %	☐ N/A, full yield curve used

b Applicable month (enter code)	21b	4
22 Weighted average retirement age	22	61

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	31a	167,383
b Excess assets, if applicable, but not greater than line 31a	31b	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	151,517	100,483
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	267,866

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)	36	267,866
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	502,192
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	38a	234,326
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40 Unpaid minimum required contributions for all years	40	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected	☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment	42	
43 Excess installment acceleration amount to be carried over to future plan years	43	

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 19—Discounted Employer Contributions

Year applied for contributions: 2014

Date	Amount	Days to Discount to 1/1/2014 at 6.47%	Interest Adjusted Contribution
April 11, 2014	$ 71,655	100	$ 70,435
July 11, 2014	71,655	191	69,342
October 10, 2014	37,509	282	35,735
January 7, 2015	37,509	371	35,193
January 15, 2015	22,764	379	21,329
September 3, 2015	300,000	610	270,158
Total Contribution	$ 541,092		$ 502,192

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	10.00%	1.0000	5.55
56.5	5.00%	0.9000	2.54
57.5	5.00%	0.8550	2.46
58.5	5.00%	0.8123	2.38
59.5	5.00%	0.7716	2.30
60.5	10.00%	0.7331	4.43
61.5	15.00%	0.6598	6.09
62.5	50.00%	0.5608	17.52
63.5	25.00%	0.2804	4.45
64.5	25.00%	0.2103	3.39
65	100.00%	0.1577	10.25
		Weighted Average	61.36

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2013), each adjusted as needed to fall within the 25-year average interest rate corridor under HATFA
1st Segment Rate	4.99%
2nd Segment Rate	6.32%
3rd Segment Rate	6.99%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2013), without regard to interest rate stabilization
1st Segment Rate	1.37%
2nd Segment Rate	4.05%
3rd Segment Rate	5.06%
Optional Payment Form Election Percentage	30% life annuity 70% joint and 55% survivor annuity
Retirement Age	
Active Participants	Before 2015 - See Table 1 2015 and after - 100% retirement for all eligible ages
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2014 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	Before 2015 - See Table 2 2015 and after - 99% withdrawal for all ages
Disability Rates	Before 2015 - See Table 3 2015 and after - 0% disability for all ages

Decrement Timing	Beginning of year decrements
Surviving Spouse Benefit	It is assumed that 100% of males and 100% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits are limited by the current IRC section 415 maximum benefit of $210,000.
Valuation of Plan Assets	Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value. A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).
Expected Return on Assets	
2012 Plan Year	7.52%
2013 Plan Year	7.16%
Actuarial Method	Standard unit credit cost method
Valuation Date	January 1, 2014

Table 1

Retirement Rates

Age	Rate
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	15.00%
62	50.00%
63	25.00%
64	25.00%
65+	100.00%

Table 2

Withdrawal Rates

Age	Male	Female	Age	Male	Female
15	12.50%	12.50%	45	1.00%	1.50%
16	11.50%	12.50%	46	0.90%	1.40%
17	10.50%	12.50%	47	0.80%	1.30%
18	9.50%	12.50%	48	0.70%	1.20%
19	8.50%	12.50%	49	0.60%	1.10%
20	7.50%	12.50%	50	0.50%	1.00%
21	7.00%	11.50%	51	0.40%	0.90%
22	6.50%	10.50%	52	0.30%	0.80%
23	6.00%	9.50%	53	0.20%	0.70%
24	5.50%	8.50%	54	0.10%	0.60%
25	5.00%	7.50%	55	0.00%	0.50%
26	4.70%	7.00%	56	0.00%	0.40%
27	4.40%	6.50%	57	0.00%	0.30%
28	4.10%	6.00%	58	0.00%	0.20%
29	3.80%	5.50%	59	0.00%	0.10%
30	3.50%	5.00%	60	0.00%	0.00%
31	3.30%	4.70%			
32	3.10%	4.40%			
34	2.70%	3.80%			
35	2.50%	3.50%			
36	2.30%	3.30%			
37	2.10%	3.10%			
38	1.90%	2.90%			
39	1.70%	2.70%			
40	1.50%	2.50%			
41	1.40%	2.30%			
42	1.30%	2.10%			
43	1.20%	1.90%			
44	1.10%	1.70%			

Table 3

Disability Rates

Age	Rate	Age	Rate
15	0.1770%	45	0.9400%
16	0.1770%	46	1.0228%
17	0.1770%	47	1.1056%
18	0.1770%	48	1.1884%
19	0.1770%	49	1.2712%
20	0.1770%	50	1.3540%
21	0.1928%	51	1.5408%
22	0.2086%	52	1.7276%
23	0.2244%	53	1.9144%
24	0.2402%	54	2.1012%
25	0.2560%	55	2.2880%
26	0.2780%	56	2.5172%
27	0.3000%	57	2.7464%
28	0.3220%	58	2.9756%
29	0.3440%	59	3.2048%
30	0.3660%	60	3.4340%
31	0.3944%	61	3.4340%
32	0.4228%	62	3.4340%
33	0.4512%	63	3.4340%
34	0.4796%	64	3.4340%
35	0.5080%	65	3.4340%
36	0.5450%	66+	0.0000%
37	0.5820%		
38	0.6190%		
39	0.6560%		
40	0.6930%		
41	0.7424%		
42	0.7918%		
43	0.8412%		
44	0.8906%		

Schedule SB, Part V—Summary of Plan Provisions

Adoption Date	April 1, 1995. Rockwood Pigments became the plan sponsor as of January 1, 2002.
Effective Date of Most Recent Amendment	Plan was amended to increase future benefit rates effective May 1, 2012.
Participation	Employees covered by a collective bargaining agreement between the participating company and the International Union, United Automobiles, Aerospace and Agricultural Implement Workers of America (UAW) and its affiliate Local 282 are eligible for participation. Eligible employees become members in the plan on the first of the month following employment.
Accrued Benefit	Monthly amount, determined by multiplying the years of benefit service earned times the applicable benefit level in effect at termination, retirement, death, or disability.

Applicable Termination Date	**Benefit Rate**
04/01/1995–04/30/1995	$30.50
05/01/1995–04/30/1996	$31.00
05/01/1996–04/26/1997	$32.00
04/27/1997–04/26/1998	$33.00
04/27/1998–04/26/1999	$33.50
04/27/1999–03/31/2000	$34.00
04/01/2000–04/30/2001	$35.00
05/01/2001–04/30/2002	$36.00
05/01/2002–01/26/2003	$37.00
01/27/2003–04/30/2004	$38.00
05/01/2004–04/30/2005	$38.50
05/01/2005–04/30/2006	$39.00
05/01/2006–04/30/2007	$40.00
05/01/2007–04/30/2008	$40.50
05/01/2008–04/30/2012	$41.00
05/01/2012–04/30/2013	$41.25
05/01/2013–04/30/2014	$42.00
05/01/2014–12/31/2014	$42.75
1/1/2015 and later	$43.00

Normal Retirement	
Eligibility	Age 65.
Benefit Amount	Accrued benefit, offset by the previous plan benefit.
Early Retirement	
Eligibility	Age 55 and five years of vesting service.
Benefit Amount	Accrued benefit, reduced by 5/12 of 1% for each of the first 24 months payment commencement precedes age 62 and reduced by 1/3 of 1% for each additional month thereafter, offset by the previous plan benefit payable at the same date. The early retirement factor applicable to the previous plan benefit is the same as this plan.
Deferred Vested Retirement	
Eligibility	Five years of vesting service.
Benefit Amount	Accrued benefit, reduced by ½ of 1% for each month the payment precedes age 65, offset by the previous plan benefit payable at the same date. The early retirement factor applicable to the previous plan benefit is the same as this plan. Participant may elect to commence payment at age 55.
Disability Retirement	
Eligibility	Retirement prior to normal retirement date due to total and permanent disability and completion of five years of vesting service.
Benefit Amount	The greater of $75 or the accrued benefit as of the date of disability, commencing without reduction, until the effective of disability payments from Social Security or normal retirement date, when the benefit payable reverts to the accrued benefit. The benefit is offset by the previous plan benefit payable at the same date. There is no reduction factor applicable to the previous plan benefit.

Surviving Spouse Benefit	
Eligibility	Vested participant survived by an eligible spouse.
Benefit Amount	The spouse will receive a monthly benefit equal to 55% of the pension which would have been payable had the participant separated on the date of death, survived to the earliest retirement age (if later), commenced payments under the 55% joint and survivor form, and died the next day. An additional one-time lump sum payment of $5,000 is also payable to the survivor.
Normal Payment Form	Single life annuity, subject to the qualified joint and survivor annuity.
Qualified Joint and Survivor Annuity	For married participants, a 55% joint and survivor annuity.
Optional Payment Forms	The following payment forms are available: ▪ Single life annuity ▪ 55% joint and survivor annuity
IRC Limits	The plan's maximum benefit is limited by IRC section 415 as specified by the Tax Reform Act of 1986 as amended by RPA '94, SBJPA, and EGTRRA. The limit is actuarially reduced at 5.0% for early commencement. The IRC section 401(a)(17) pay limit is not relevant, since the plan is not pay-related.
Definitions	
Benefit Service	Years of vesting service after the effective date plus benefit service accrued under the previous plan.
Previous Plan	The Pension Plan for Hourly-Wage Employees of Columbian Chemicals Company and Related Companies, as in effect on March 31, 1995.
Vesting Service	One year of vesting service is credited for each plan year with at least 1,000 hours of service. If a member completes less than 1,000 hours of service in the year of employment or the year of termination or retirement, 1/12 of a year shall be credited for each full calendar month of service. 15 days or more of service shall count as a full calendar month.

Plan Changes Since the Prior Year

The benefit multiplier was updated as a result of union negotiations.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 26—Schedule of Active Participant Data as of January 1, 2014

Number of Participants

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39				1						
40-44										
45-49					1	2	1			
50-54			2	1	1	1	1		1	
55-59					1	3	5		2	
60-64				1	1	1	4	2	1	
65-69										
70+										

N-33

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	$ 117,467	January 1, 2008	1	$ 117,467
Shortfall	$ (153,702)	January 1, 2009	2	$ (78,722)
Shortfall	$ 134,999	January 1, 2010	3	$ 47,208
Shortfall	$ 164,981	January 1, 2011	4	$ 44,305
Shortfall	$ (240,583)	January 1, 2012	5	$ (52,913)
Shortfall	$ 75,524	January 1, 2013	6	$ 14,296
Shortfall	$ 52,831	January 1, 2014	7	$ 8,842

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 19—Discounted Employer Contributions

Year applied for contributions: 2014

Date	Amount	Days to Discount to 1/1/2014 at 6.47%	Interest Adjusted Contribution
April 11, 2014	$ 71,655	100	$ 70,435
July 11, 2014	71,655	191	69,342
October 10, 2014	37,509	282	35,735
January 7, 2015	37,509	371	35,193
January 15, 2015	22,764	379	21,329
September 3, 2015	300,000	610	270,158
Total Contribution	$ 541,092		$ 502,192

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	10.00%	1.0000	5.55
56.5	5.00%	0.9000	2.54
57.5	5.00%	0.8550	2.46
58.5	5.00%	0.8123	2.38
59.5	5.00%	0.7716	2.30
60.5	10.00%	0.7331	4.43
61.5	15.00%	0.6598	6.09
62.5	50.00%	0.5608	17.52
63.5	25.00%	0.2804	4.45
64.5	25.00%	0.2103	3.39
65	100.00%	0.1577	10.25
		Weighted Average	61.36

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 26—Schedule of Active Participant Data as of January 1, 2014

Number of Participants

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39				1						
40-44										
45-49					1	2	1			
50-54			2	1	1	1	1		1	
55-59					1	3	5		2	
60-64				1	1	1	4	2	1	
65-69										
70+										

N-33

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	$ 117,467	January 1, 2008	1	$ 117,467
Shortfall	$ (153,702)	January 1, 2009	2	$ (78,722)
Shortfall	$ 134,999	January 1, 2010	3	$ 47,208
Shortfall	$ 164,981	January 1, 2011	4	$ 44,305
Shortfall	$ (240,583)	January 1, 2012	5	$ (52,913)
Shortfall	$ 75,524	January 1, 2013	6	$ 14,296
Shortfall	$ 52,831	January 1, 2014	7	$ 8,842

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2013), each adjusted as needed to fall within the 25-year average interest rate corridor under HATFA
1st Segment Rate	4.99%
2nd Segment Rate	6.32%
3rd Segment Rate	6.99%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2013), without regard to interest rate stabilization
1st Segment Rate	1.37%
2nd Segment Rate	4.05%
3rd Segment Rate	5.06%
Optional Payment Form Election Percentage	30% life annuity 70% joint and 55% survivor annuity
Retirement Age	
Active Participants	Before 2015 - See Table 1 2015 and after - 100% retirement for all eligible ages
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2014 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	Before 2015 - See Table 2 2015 and after - 99% withdrawal for all ages
Disability Rates	Before 2015 - See Table 3 2015 and after - 0% disability for all ages

Decrement Timing	Beginning of year decrements
Surviving Spouse Benefit	It is assumed that 100% of males and 100% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits are limited by the current IRC section 415 maximum benefit of $210,000.
Valuation of Plan Assets	Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value. A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).
Expected Return on Assets	
2012 Plan Year	7.52%
2013 Plan Year	7.16%
Actuarial Method	Standard unit credit cost method
Valuation Date	January 1, 2014

Table 1

Retirement Rates

Age	Rate
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	15.00%
62	50.00%
63	25.00%
64	25.00%
65+	100.00%

Table 2

Withdrawal Rates

Age	Male	Female	Age	Male	Female
15	12.50%	12.50%	45	1.00%	1.50%
16	11.50%	12.50%	46	0.90%	1.40%
17	10.50%	12.50%	47	0.80%	1.30%
18	9.50%	12.50%	48	0.70%	1.20%
19	8.50%	12.50%	49	0.60%	1.10%
20	7.50%	12.50%	50	0.50%	1.00%
21	7.00%	11.50%	51	0.40%	0.90%
22	6.50%	10.50%	52	0.30%	0.80%
23	6.00%	9.50%	53	0.20%	0.70%
24	5.50%	8.50%	54	0.10%	0.60%
25	5.00%	7.50%	55	0.00%	0.50%
26	4.70%	7.00%	56	0.00%	0.40%
27	4.40%	6.50%	57	0.00%	0.30%
28	4.10%	6.00%	58	0.00%	0.20%
29	3.80%	5.50%	59	0.00%	0.10%
30	3.50%	5.00%	60	0.00%	0.00%
31	3.30%	4.70%			
32	3.10%	4.40%			
34	2.70%	3.80%			
35	2.50%	3.50%			
36	2.30%	3.30%			
37	2.10%	3.10%			
38	1.90%	2.90%			
39	1.70%	2.70%			
40	1.50%	2.50%			
41	1.40%	2.30%			
42	1.30%	2.10%			
43	1.20%	1.90%			
44	1.10%	1.70%			

Table 3

Disability Rates

Age	Rate	Age	Rate
15	0.1770%	45	0.9400%
16	0.1770%	46	1.0228%
17	0.1770%	47	1.1056%
18	0.1770%	48	1.1884%
19	0.1770%	49	1.2712%
20	0.1770%	50	1.3540%
21	0.1928%	51	1.5408%
22	0.2086%	52	1.7276%
23	0.2244%	53	1.9144%
24	0.2402%	54	2.1012%
25	0.2560%	55	2.2880%
26	0.2780%	56	2.5172%
27	0.3000%	57	2.7464%
28	0.3220%	58	2.9756%
29	0.3440%	59	3.2048%
30	0.3660%	60	3.4340%
31	0.3944%	61	3.4340%
32	0.4228%	62	3.4340%
33	0.4512%	63	3.4340%
34	0.4796%	64	3.4340%
35	0.5080%	65	3.4340%
36	0.5450%	66+	0.0000%
37	0.5820%		
38	0.6190%		
39	0.6560%		
40	0.6930%		
41	0.7424%		
42	0.7918%		
43	0.8412%		
44	0.8906%		

Schedule SB Attachment (Form 5500)—2014 Plan Year
Rockwood Pigments Hourly Pension Plan St. Louis
EIN: 06-0850804 PN: 001

Schedule SB, Part V—Summary of Plan Provisions

Adoption Date	April 1, 1995. Rockwood Pigments became the plan sponsor as of January 1, 2002.
Effective Date of Most Recent Amendment	Plan was amended to increase future benefit rates effective May 1, 2012.
Participation	Employees covered by a collective bargaining agreement between the participating company and the International Union, United Automobiles, Aerospace and Agricultural Implement Workers of America (UAW) and its affiliate Local 282 are eligible for participation. Eligible employees become members in the plan on the first of the month following employment.
Accrued Benefit	Monthly amount, determined by multiplying the years of benefit service earned times the applicable benefit level in effect at termination, retirement, death, or disability.

Applicable Termination Date	Benefit Rate
04/01/1995–04/30/1995	$30.50
05/01/1995–04/30/1996	$31.00
05/01/1996–04/26/1997	$32.00
04/27/1997–04/26/1998	$33.00
04/27/1998–04/26/1999	$33.50
04/27/1999–03/31/2000	$34.00
04/01/2000–04/30/2001	$35.00
05/01/2001–04/30/2002	$36.00
05/01/2002–01/26/2003	$37.00
01/27/2003–04/30/2004	$38.00
05/01/2004–04/30/2005	$38.50
05/01/2005–04/30/2006	$39.00
05/01/2006–04/30/2007	$40.00
05/01/2007–04/30/2008	$40.50
05/01/2008–04/30/2012	$41.00
05/01/2012–04/30/2013	$41.25
05/01/2013–04/30/2014	$42.00
05/01/2014–12/31/2014	$42.75
1/1/2015 and later	$43.00

Normal Retirement	
Eligibility	Age 65.
Benefit Amount	Accrued benefit, offset by the previous plan benefit.
Early Retirement	
Eligibility	Age 55 and five years of vesting service.
Benefit Amount	Accrued benefit, reduced by 5/12 of 1% for each of the first 24 months payment commencement precedes age 62 and reduced by 1/3 of 1% for each additional month thereafter, offset by the previous plan benefit payable at the same date. The early retirement factor applicable to the previous plan benefit is the same as this plan.
Deferred Vested Retirement	
Eligibility	Five years of vesting service.
Benefit Amount	Accrued benefit, reduced by ½ of 1% for each month the payment precedes age 65, offset by the previous plan benefit payable at the same date. The early retirement factor applicable to the previous plan benefit is the same as this plan. Participant may elect to commence payment at age 55.
Disability Retirement	
Eligibility	Retirement prior to normal retirement date due to total and permanent disability and completion of five years of vesting service.
Benefit Amount	The greater of $75 or the accrued benefit as of the date of disability, commencing without reduction, until the effective of disability payments from Social Security or normal retirement date, when the benefit payable reverts to the accrued benefit. The benefit is offset by the previous plan benefit payable at the same date. There is no reduction factor applicable to the previous plan benefit.

Surviving Spouse Benefit	
Eligibility	Vested participant survived by an eligible spouse.
Benefit Amount	The spouse will receive a monthly benefit equal to 55% of the pension which would have been payable had the participant separated on the date of death, survived to the earliest retirement age (if later), commenced payments under the 55% joint and survivor form, and died the next day. An additional one-time lump sum payment of $5,000 is also payable to the survivor.
Normal Payment Form	Single life annuity, subject to the qualified joint and survivor annuity.
Qualified Joint and Survivor Annuity	For married participants, a 55% joint and survivor annuity.
Optional Payment Forms	The following payment forms are available: ▪ Single life annuity ▪ 55% joint and survivor annuity
IRC Limits	The plan's maximum benefit is limited by IRC section 415 as specified by the Tax Reform Act of 1986 as amended by RPA '94, SBJPA, and EGTRRA. The limit is actuarially reduced at 5.0% for early commencement. The IRC section 401(a)(17) pay limit is not relevant, since the plan is not pay-related.
Definitions	
Benefit Service	Years of vesting service after the effective date plus benefit service accrued under the previous plan.
Previous Plan	The Pension Plan for Hourly-Wage Employees of Columbian Chemicals Company and Related Companies, as in effect on March 31, 1995.
Vesting Service	One year of vesting service is credited for each plan year with at least 1,000 hours of service. If a member completes less than 1,000 hours of service in the year of employment or the year of termination or retirement, 1/12 of a year shall be credited for each full calendar month of service. 15 days or more of service shall count as a full calendar month.

Plan Changes Since the Prior Year

The benefit multiplier was updated as a result of union negotiations.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.