

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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2013</div> <div style="text-align: center; font-weight: bold;">This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2013 or fiscal plan year beginning <u>01/01/2013</u> and ending <u>12/31/2013</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ 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:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II	Basic Plan Information—enter all requested information		
1a Name of plan <u>PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN</u>	1b Three-digit plan number (PN) ▶	100	
	1c Effective date of plan <u>01/01/2007</u>		
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) <u>PPG INDUSTRIES, INC.</u> <u>ONE PPG PLACE</u> <u>PITTSBURGH, PA 15272</u>	2b Employer Identification Number (EIN) <u>25-0730780</u>	2c Sponsor's telephone number <u>412-434-3916</u>	
	2d Business code (see instructions) <u>325500</u>		

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.	10/10/2014	KAREN P. RATHBURN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/10/2014	KAREN P. RATHBURN
	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 ☐ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address KAREN P. RATHBURN PPG INDUSTRIES, INC. ONE PPG PLACE PITTSBURGH, PA 15272		3b Administrator's EIN 27-5040608
		3c Administrator's telephone number 412-434-3916
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: a Sponsor's name		4b EIN 4c PN
5 Total number of participants at the beginning of the plan year		5 5251
6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).		
a Active participants		6a 5896
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits		6c 367
d Subtotal. Add lines 6a , 6b , and 6c		6d 6263
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits		6e 13
f Total. Add lines 6d and 6e		6f 6276
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g 6161
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested		6h 251
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: 2A 2F 2G		
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) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (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) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ 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)

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2013
		This Form is Open to Public Inspection.

For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013

A Name of plan <u>PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN</u>	B Three-digit plan number (PN) <u>100</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PPG INDUSTRIES, INC.</u>	D Employer Identification Number (EIN) <u>25-0730780</u>

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
ING RETIREMENT SERVICES

02-0488491

(b) Enter name and EIN or address of person who provided you disclosure on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III **Termination Information on Accountants and Enrolled Actuaries (see instructions)**
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

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

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

OMB No. 1210-0110

2013

This Form is Open to Public Inspection.

For calendar plan year 2013 or fiscal plan year beginning	01/01/2013	and ending	12/31/2013
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A Name of plan
PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN

B Three-digit plan number (PN)	▶	100
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C Plan or DFE sponsor's name as shown on line 2a of Form 5500
PPG INDUSTRIES, INC.

D	Employer Identification Number (EIN)	25-0730780
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Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: PPG INDUSTRIES MASTER TRUST

b Name of sponsor of entity listed in (a): PPG INDUSTRIES, INC.

c EIN-PN 25-0730780-002	d Entity code M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 38978325
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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code**e** Dollar value of interest in MTIA, CCT, PSA, or
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code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information 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.	<small>OMB No. 1210-0110</small> 2013 This Form is Open to Public Inspection
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For calendar plan year 2013 or fiscal plan year beginning <u>01/01/2013</u> and ending <u>12/31/2013</u>		
A Name of plan <u>PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>100</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PPG INDUSTRIES, INC.</u>	D Employer Identification Number (EIN) <u>25-0730780</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	<u>25382538</u>	<u>38978325</u>
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	25382538	38978325

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	25382538	38978325
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. 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. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	11535461	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		11535461
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		0
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		4801420
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		16336881

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	2770678	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		2770678
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other.....	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		0
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		2770678

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d.....	2k		13566203
l Transfers of assets:			
(1) To this plan.....	2l(1)		30183
(2) From this plan.....	2l(2)		599

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unqualified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☐ Yes ☒ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: SCHNEIDER DOWNS & CO., INC.

(2) EIN: 25-1408703

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

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.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.).....

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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?		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?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
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.		X	

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)
PPG INDUSTRIES DCRP FOR EMPLOYEES COVERED BY COLLECTIVE BARGAINING AGREEMENTS	25-0730780	102

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 V 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 2013 This Form is Open to Public Inspection.
---	--	--

For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013

A Name of plan <u>PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>100</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PPG INDUSTRIES, INC.</u>	D Employer Identification Number (EIN) <u>25-0730780</u>

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	<u>0</u>
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): <u>04-3516284</u>		
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	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 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): _____

INDEPENDENT AUDITORS' REPORT

To the Plan Administrator of and Participants in
PPG Industries, Inc. Defined Contribution Retirement Plan:

Report on the Financial Statements

We have audited the accompanying statements of PPG Industries, Inc. Defined Contribution Retirement Plan (Plan), which comprise the statement of net assets available for benefits as of December 31, 2013 and the related statement of changes in net assets available for benefits for the year then ended.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of PPG Industries, Inc. Defined Contribution Retirement Plan as of December 31, 2013, and the changes in its net assets available for benefits for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matter

The financial statements of PPG Industries, Inc. Defined Contribution Retirement Plan for the year ended December 31, 2012 were audited by other auditors who expressed an unmodified opinion on these statements as of July 17, 2013.

Schneider Downs & Co., Inc.

Pittsburgh, Pennsylvania
October 8, 2014

**PPG INDUSTRIES, INC.
DEFINED CONTRIBUTION RETIREMENT PLAN**

Financial Statements as of and for the
Years Ended December 31, 2013 and 2012
and Independent Auditors' Report Thereon



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PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

To the Plan Administrator of and Participants in
PPG Industries, Inc. Defined Contribution Retirement Plan:

Report on the Financial Statements

We have audited the accompanying statements of PPG Industries, Inc. Defined Contribution Retirement Plan (Plan), which comprise the statement of net assets available for benefits as of December 31, 2013 and the related statement of changes in net assets available for benefits for the year then ended.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of PPG Industries, Inc. Defined Contribution Retirement Plan as of December 31, 2013, and the changes in its net assets available for benefits for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matter

The financial statements of PPG Industries, Inc. Defined Contribution Retirement Plan for the year ended December 31, 2012 were audited by other auditors who expressed an unmodified opinion on these statements as of July 17, 2013.

Schneider Downs & Co., Inc.

Pittsburgh, Pennsylvania
October 8, 2014

PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS AS OF DECEMBER 31, 2013 AND 2012

	2013	2012
ASSETS:		
Investment in net assets of the PPG Industries Master Trust - at fair value	<u>\$38,978,325</u>	<u>\$25,382,538</u>
NET ASSETS AVAILABLE FOR BENEFITS - At fair value	38,978,325	25,382,538
ADJUSTMENT FROM FAIR VALUE TO CONTRACT VALUE FOR FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACTS	<u>(61,777)</u>	<u>(93,449)</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$38,916,548</u></u>	<u><u>\$25,289,089</u></u>

See notes to financial statements.

PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS FOR THE YEARS ENDED DECEMBER 31, 2013 AND 2012

	2013	2012
ADDITIONS:		
Plan interest in the PPG Industries Master Trust	\$5,084,197	\$2,504,516
Employer contributions	11,535,461	9,163,608
Total additions	16,619,658	11,668,124
DEDUCTIONS:		
Benefit payments	2,770,678	898,127
Administrative expenses	251,105	218,902
Total deductions	3,021,783	1,117,029
NET INCREASE PRIOR TO PLAN TRANSFERS	13,597,875	10,551,095
NET TRANSFERS	29,584	(6,621)
NET INCREASE IN NET ASSETS AVAILABLE FOR BENEFITS	13,627,459	10,544,474
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of year	25,289,089	14,744,615
End of year	\$38,916,548	\$25,289,089

See notes to financial statements.

PPG INDUSTRIES, INC. DEFINED CONTRIBUTION RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2013 AND 2012

1. DESCRIPTION OF THE PLAN

The PPG Industries, Inc. Defined Contribution Retirement Plan (the “Plan”) is a defined contribution plan subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”). The Plan was established in 2006 for employees mainly with CORE benefits. Eligible participants include employees of PPG Industries, Inc. (the “Company” or “PPG”) and certain of its subsidiaries. The named fiduciary for the operation and administration of the Plan (the “Plan Administrator”) is the PPG Global Director, Compensation and Benefits. The named fiduciary with respect to control and management of the assets of the Plan is the PPG Executive Committee and the PPG Benefits Investment Committee. Their responsibilities include, but are not limited to, approval of trustees, investment options, and investment managers and establishing performance benchmarks. The Employee Benefits Committee of PPG has responsibility for establishing, maintaining and amending the Plan. The below brief description of the Plan is provided for general information purposes only. Participants should refer to the Plan document for a complete description of the Plan, which is available from the Plan Administrator.

Administrative Expenses — The Plan pays all reasonable and necessary costs to manage and operate the Plan as determined by the Plan Administrator. These expenses, including recordkeeping fees, administrative charges, professional costs, and trustee fees, are paid from the assets of the PPG Industries Master Trust (the “Master Trust”). The Plan Administrator has adopted uniform and nondiscriminatory procedures to allocate these expenses to participant accounts.

Trustee of the Plan Assets — Fidelity Management Trust Company (“FMTC”) was the trustee for all of the Plan assets as of December 31, 2013 and 2012.

Eligibility to Participate in the Plan — Employees eligible to participate in the Plan include 1) employees designated as eligible for salaried benefits who were hired, rehired or transferred into the CORE benefits program on or after January 1, 2006, and 2) certain nonunion employees hired on or after February 1, 2006.

Contributions — Contributions under the Plan are made by the Company. The amount of the contribution ranges from 2% to 5% of the participant’s eligible Plan compensation, depending on the participant’s points as calculated as of the end of the Plan year. Points are the quotient obtained by dividing the sum of the participant’s age as of the last day of the Plan year (measured in months) and months of benefit service as of the last day of the Plan year. Plan year 2012 contributions were made to the participant accounts by December 31, 2012. Effective for Plan year 2013, contributions are made to participant accounts monthly, typically on the last business day of the month.

Participant Accounts — Individual accounts are maintained for each Plan participant. Each participant’s account is credited with the Company’s contribution and allocations of fund earnings and charged with an allocation of fund losses and administrative expenses. Company contributions are deposited into the participant’s account based upon the participant’s investment election.

Vesting — Company contributions and their related earnings are 100% vested upon the occurrence of one of the following events: a participant completes three years of vesting service, an active participant dies or is approved for PPG-sponsored long-term disability payments, or the participant retires and/or separates from service and is within 10 years of normal Social Security benefits. Amounts allocated to participants that are not 100% vested shall become forfeitable as soon as administratively possible upon termination of employment by the participant, except as listed above.

Forfeited nonvested account balances are used to pay Plan expenses or to reduce Company contributions. At December 31, 2013 and 2012, the forfeiture account balance was approximately \$38,490 and \$29,551, respectively. Forfeited nonvested accounts in the amount of \$152,185 and \$273,963 were used to reduce the Company's contributions for Plan years 2013 and 2012, respectively.

Payment of Benefits — Upon termination from service as a result of a voluntary or involuntary separation, retirement, or being approved for a Company-sponsored long-term disability program, a participant may elect how to receive payment of his or her account among several options, including a total distribution, a partial lump-sum distribution, or recurring payments. The benefit to which a participant is entitled is the participant's vested account balance. Participants who separate from service with a vested balance between \$1,000 and \$5,000 will have their vested account balance rolled over into an individual retirement account, unless they make a different decision within 90 days of their separation from service. Those participants with vested balances of less than \$1,000 will receive a taxable cash distribution, unless they make a different decision within 90 days of their separation from service.

Payments to designated beneficiaries upon the death of the participant are made as a lump-sum distribution as soon as administratively possible from the date such payments are requested by the designated beneficiary(ies).

Transfers — In 2013, the following transfers were made among PPG's defined contribution retirement plans:

Plan To/From Which Transfer Was Made	Transfers In	Transfers
Lake Charles Union Defined Contribution Plan	\$10,721	\$0
Employees Covered by Collective Bargaining Agreements Plan	19,462	(599)
Total Transfers	\$30,183	(\$599)

In 2012, net transfers of \$6,621 were made from this Plan to the two plans listed in the table above.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND RELATED MATTERS

Basis of Accounting — The financial statements of the PPG Industries, Inc. Defined Contribution Retirement Plan (the "Plan") are prepared on the accrual basis of accounting, except for amounts due to participants who had requested withdrawals, which are not recorded as a liability of the Plan as of December 31, 2013 and 2012, in accordance with the American Institute of Certified Public Accountants Audit and Accounting Guide, *Audits of Employee Benefit Plans*.

Payment of Benefits — Benefits are recorded when paid.

Use of Estimates — The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("GAAP") requires Plan management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein. Actual results could differ from those estimates.

Risk and Uncertainties — The Plan invests in various investment instruments. Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could be material in relation to the amounts reported in the financial statements.

Master Trust — The PPG Industries Master Trust (the "Master Trust") was established pursuant to a trust agreement between PPG Industries, Inc. (the "Company" or "PPG") and FMTC in order to permit the commingling of trust assets in multiple PPG-sponsored employee benefit plans for investment and administrative purposes.

Investment Valuation and Income Recognition – Investments are stated at fair value. See Note 4 for further information pertaining to fair value measurement.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends on the PPG Industries, Inc., common stock are recorded as investment income on the ex-dividend date.

3. PPG INDUSTRIES MASTER TRUST

The Master Trust assets are held by FMTC. Each participating employee benefit plan is entitled to an allocable share of the net assets and changes therein of each of the Master Trust investment options in which the respective plan participates. The Plan's assets are included in the Master Trust together with other PPG-sponsored plans.

The net investment income of the commingled Master Trust investment funds is allocated by the trustee to each participating plan based on that plan's interest in each commingled Master Trust investment fund, as compared with the total interest of all the participating plans in each commingled Master Trust investment fund at the beginning of the month.

As of December 31, 2013 and 2012, the Plan had approximately a 1.14% and 0.83%, respectively, interest in the Master Trust. The net assets available for benefits of the Master Trust are summarized as follows:

	2013	2012
Investments at fair value:		
PPG Industries common stock*	\$1,072,451,436	\$918,774,749
Mutual funds*	489,972,411	357,941,034
S&P 500 Index Fund*	391,937,925	287,197,615
Stable Value Fund*	775,682,880	843,463,814
International Equity Fund:		
Mellon EB Daily Liquidity ACWI ex-U.S. Fund	191,077,530	138,232,761
Common Collective Trusts*	498,614,008	474,294,901
Money market funds	<u>14,152,543</u>	<u>15,806,441</u>
Total investments at fair value	3,433,888,733	3,035,711,315
Receivables	5,439,921	15,473,818
Liabilities	<u>(5,981,768)</u>	<u>(9,833,124)</u>
Net assets at fair value	3,433,346,886	3,041,352,009
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	<u>(13,732,014)</u>	<u>(27,086,823)</u>
Net assets available for benefits	<u>\$3,419,614,872</u>	<u>\$3,014,265,186</u>

* Represents more than 5% of net assets in the Master Trust. While mutual funds and common collective trusts exceed 5%, no individual fund within those categories exceeded 5%.

The investment income, net of the Master Trust for the years ended December 31, 2013 and 2012, is summarized as follows:

	2013	2012
Net appreciation in fair value of investments:		
PPG Industries common stock	\$328,933,331	\$390,096,878
Mutual funds	104,420,453	48,584,226
S&P 500 Index Fund	93,822,516	39,285,193
Common Collective Trusts	24,317,321	34,085,028
International Equity Fund	<u>22,411,049</u>	<u>20,305,445</u>
Total net appreciation in fair value of investments	573,904,670	532,356,770
Dividends	39,453,243	24,361,175
Interest	14,314,604	15,207,438
Other income	<u>4,331</u>	<u>16,401</u>
Total investment income — net from investments	<u>\$627,676,848</u>	<u>\$571,941,784</u>

The Plan's share of investment income, net from investments in the Master Trust also includes the adjustment from fair value to contract value for fully benefit-responsive investment contracts.

Changes in net assets of the Master Trust for the years ended December 31 are as follows:

	2013	2012
Investment Income	\$627,676,848	\$571,941,784
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	(13,732,014)	(27,086,823)
Net Transfers	<u>(208,595,148)</u>	<u>(40,990,782)</u>
Increase in Net Assets	405,349,686	503,864,179
Net Assets:		
Beginning of Year	<u>3,014,265,186</u>	<u>\$2,510,401,007</u>
End of Year	<u>\$3,419,614,872</u>	<u>\$3,014,265,186</u>

Investments that represent 5% or more of the Master Trust's net assets at December 31 are as follows:

Description	2013	2012
PPG Stock Fund	\$1,072,451,436	\$934,581,190
Stable Value Fund	775,682,880	843,463,814
S&P 500 Index Fund	391,937,925	287,197,615
Mellon EB Daily Liquidity ACWI ex-U.S. Fund*	191,077,530	138,232,761
Fidelity Growth Company Fund*	169,441,091	126,105,172
Fidelity Contrafund*	162,161,890	128,850,005
Vanguard Small Capitalization Index Fund*	158,369,430	102,985,857

* Investment does not represent 5% or more of Plan's net assets at December 31, 2013.

Investments that represent 5% or more of the Plan's interest in the Master Trust at December 31 are as follows:

Description	2013	2012
BlackRock LifePath Index 2035 Fund	\$4,561,642	\$2,969,300
S&P 500 Index Fund	3,719,356	1,854,556
Stable Value Fund	3,432,377	2,819,318
BlackRock LifePath Index 2030 Fund	3,417,990	2,252,049
BlackRock LifePath Index 2040 Fund	3,274,873	2,141,546
PPG Stock Fund	2,793,288	1,474,225
International Equity Fund	2,633,739	1,347,309
BlackRock LifePath 2025 Fund	2,603,440	2,115,108
BlackRock LifePath 2050 Fund	2,151,093	1,601,156
BlackRock LifePath 2045 Fund	2,066,033	1,523,016
BlackRock LifePath 2020 Fund*	1,733,559	1,283,953

* Investment does not represent 5% or more of Plan's net assets at December 31, 2013.

4. FAIR VALUE MEASUREMENT

Accounting guidance on fair value measurements establishes a hierarchy of inputs employed to determine fair value measurements, which has three levels.

Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets and liabilities. Level 1 inputs are considered to be the most reliable evidence of fair value, as they are based on unadjusted quoted market prices from various financial information service providers and securities exchanges.

Level 2 inputs are directly or indirectly observable prices that are not quoted on active exchanges which include quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the asset or liability and inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3 inputs are unobservable inputs employed for measuring the fair value of assets or liabilities.

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period. PPG evaluates the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to total net assets available for benefits. For the years ended December 31, 2013 and 2012, there were no transfers between levels.

The financial assets that are reported at fair value on a recurring basis as of December 31, 2013, were as follows:

	Level 1	Level 2	Total
Master Trust assets:			
PPG Industries common stock	\$1,072,451,436	-	\$1,072,451,436
Mutual funds	489,972,411	-	489,972,411
S&P 500 Index Fund	-	\$391,937,925	391,937,925
Common Collective Trusts	-	498,614,008	498,614,008
Stable Value Fund	-	775,682,880	775,682,880
International Equity Fund:			
Mellon EB Daily Liquidity			
ACWI ex-U.S. Fund	-	191,077,530	191,077,530
Money market funds	14,152,543	-	14,152,543

The financial assets that are reported at fair value on a recurring basis as of December 31, 2012 were as follows:

	Level 1	Level 2	Total
Master Trust assets:			
PPG Industries common stock	\$918,774,749	-	\$918,774,749
Mutual funds	357,941,034	-	357,941,034
S&P 500 Index Fund	-	\$287,197,615	287,197,615
Common Collective Trusts	-	474,294,901	474,294,901
Stable Value Fund	-	843,463,814	843,463,814
International Equity Fund:			
Mellon EB Daily Liquidity			
ACWI ex-U.S. Fund	-	138,232,761	138,232,761
Money market funds	15,806,441	-	15,806,441

The Stable Value Fund is a pooled separate account with FMTC as the investment manager that invests in a diversified portfolio of short-term bonds and other fixed-income securities, such as U.S. Treasury bonds, government agency securities, corporate bonds, mortgage-backed securities, commercial mortgage-backed securities, and asset-backed securities. See Note 5 for additional information regarding the Stable Value Fund.

The investment in Common Collective Trusts is comprised of investments in the BlackRock LifePath Portfolio Funds, the Mellon Bond Index Fund and the BlackRock U.S. Treasury Inflation Protected Securities (“TIPS”) Index Fund. The objective of the BlackRock LifePath Portfolio Funds is to maximize total return while maintaining an investment mix of stocks and fixed-income instruments relative to a participant’s retirement timeframe. The asset allocation of each LifePath Fund is designed to reach its most conservative risk level at the fund’s stated end date, at which time it will transition into the LifePath Retirement Fund. The LifePath Retirement Fund is designed to provide participants with an appropriate blend of income and inflation protection to maximize assets during the period chosen for retirement. The fair value of the LifePath Portfolio Funds is based upon the fair value of the underlying investments held by the LifePath Portfolio Funds.

The Mellon Bond Index Fund is a commingled pool managed by Mellon that invests in a stratified subset of the bonds in the Barclay’s Capital U.S. Aggregate Index (the “Index”). The Mellon Bond Index Fund’s objective is to provide a total return that closely corresponds to the investment performance of the Index. This commingled pool is not a mutual fund and is only available to qualified institutional investors. The fair value of the investment in the Mellon Bond Index Fund is based upon the fair value of the underlying investments held by the Mellon Bond Index Fund.

The BlackRock U.S. TIPS Index Fund is a commingled pool managed by BlackRock that invests in some or all of the U.S. Treasury bonds in the Barclays Capital U.S. TIPS Index (the “TIPS Index”). The BlackRock U.S. TIPS Index Fund’s objective is to provide a total return that seeks to match the investment performance of the TIPS Index. This commingled pool is not a mutual fund and is only available to qualified institutional investors. The fair value of the investment in the BlackRock U.S. TIPS Index Fund is based upon the fair value of the underlying investments held by the BlackRock U.S. TIPS Index Fund.

The S&P 500 Index Fund is a commingled pool managed by BlackRock Institutional Trust Company (“BlackRock”). The S&P 500 Index Fund primarily invests in the common stocks of the approximately 500 companies that make up the Standard & Poor’s Composite Stock Index (“S&P 500”). The fund’s objective is to provide a total return that closely corresponds to the investment performance of the S&P 500 with dividends reinvested. The BlackRock S&P 500 Fund is invested in the Equity Index Fund T, which is not a mutual fund and is only available to qualified institutional investors. The fair value of the commingled pool is based upon the fair value of the underlying securities held by the commingled pool.

The International Equity Fund is a pooled separate account consisting of institutionally managed commingled pools. Mellon Capital Management Company (“Mellon”) is the sole investment manager of these commingled pools. Mellon’s international fund is invested in the Mellon EB Daily Liquidity ACWI ex-U.S. Fund and is available only to qualified institutional investors. The fair value of this Mellon fund is based upon the fair value of the underlying securities held by the commingled pool.

There are no restrictions on the participants ability to redeem any of the above investments as of their measurement date.

5. STABLE VALUE FUND

The objective of the Stable Value Fund is to preserve the invested principal and accumulated interest, while earning a competitive level of income over time. The Stable Value Fund is a separate account managed by FMTC.

The Stable Value Fund invests in a diversified portfolio of short-term bonds and other fixed-income securities, such as U.S. Treasury bonds, government agency securities, corporate bonds, mortgage-backed securities, commercial mortgage-backed securities, and asset-backed securities. The Stable Value Fund also invests in money market funds to provide daily liquidity and purchases third-party wrap contracts that are designed to permit the fund to use contract (book) value accounting to provide for the payment of participant directed withdrawals and exchanges at contract (book) value under most circumstances. Interest is credited to the Stable Value Fund under the wrap contracts. There is no immediate recognition of gains and losses on the fixed-income securities. Instead, gains or losses are recognized over time by adjusting the interest rate credited to the Stable Value Fund.

The wrap contracts have been issued by State Street Bank and Trust, J.P. Morgan Chase, Prudential Insurance Company of America, American General Life and Bank of Tokyo - Mitsubishi. The S&P credit rating at December 31, 2013 of the issuing financial institutions is AA-, A+, AA-, A+ and A+, respectively. At December 31, 2012, the wrap contracts were issued to State Street Bank and Trust, NATIXIS Financial Products, Inc., J. P. Morgan Chase, Prudential Insurance Company of America, and American General Life. The S&P crediting rate at December 31, 2012 of the issuing financial institutions is AA-, A, A+, AA-, and A+, respectively. The underlying investments of the Stable Value Fund are stated at fair value based on quoted market prices.

The third-party wrap contracts provide that participant fund transactions are executed at contract value. Contract value represents contributions made to the fund, plus net investment income, less participant withdrawals. The interest crediting rates are reset quarterly based upon market rates of similar investments, the current yield of the underlying investments, and the spread between market value and contract value, but the rate cannot be less than 0%.

In accordance with guidance for defined contribution plans, the statements of net assets available for benefits present investment contracts at fair value with an additional line item showing an adjustment of the fully benefit-responsive contracts from fair value to contract value.

Certain events, such as a Plan termination or Plan merger initiated by the Plan Administrator, may limit the ability of the Plan to transact at contract value or may allow for the termination of the wrap contract at less than contract value. The Plan Administrator does not believe that any events that may limit the ability of the Plan to transact at contract value are probable.

	2013	2012
Spot yields:		
Based on actual investment income ⁽¹⁾	1.62 %	1.63 %
Based on interest rate credited to participants ⁽²⁾	1.54	1.73

⁽¹⁾ Computed by dividing the annualized one-day actual earnings of the contract on the last day of the Plan year by the fair value of the investments on the same date.

⁽²⁾ Computed by dividing the annualized one-day earnings credited to participants on the last day of the Plan year by the fair value of the investments on the same date.

In 2013 and 2012, the Stable Value Fund had 100% of its investments in the Stable Value Pool. The securities included in the Stable Value Pool, at fair value, as of December 31, 2013 and 2012, are as follows:

	2013	2012
At fair value:		
Money market funds	\$11,828,118	\$39,034,688
U.S. government obligations	374,833,794	421,469,282
Foreign obligations	827,693	834,162
Corporate bonds	177,079,151	173,608,761
Mortgage-related securities	109,004,839	107,930,532
Asset-backed securities	88,745,029	63,941,639
Other	123,945	824,848
	<u>762,442,569</u>	<u>807,643,912</u>
Securities sales pending settlement	<u>13,240,311</u>	<u>35,819,902</u>
Fair value	775,682,880	843,463,814
Adjustment from fair value to contract value for fully benefit-responsive wrap contracts	<u>(13,732,014)</u>	<u>(27,086,823)</u>
Contract value of Stable Value Fund	<u>\$761,950,866</u>	<u>\$816,376,991</u>

6. RELATED-PARTY TRANSACTIONS AND PARTY-IN-INTEREST TRANSACTIONS

FMTC manages the Stable Value Fund. These transactions qualify as exempt party-in-interest transactions.

The Master Trust holds common shares of PPG, the Plan Sponsor, and these qualify as party-in-interest transactions.

7. PLAN TERMINATION

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan, subject to the provisions of ERISA. In the event the Plan is terminated, Plan participants will receive all amounts credited to their accounts.

8. TAX STATUS

The Internal Revenue Service ("IRS") has determined and informed the Company by a letter dated May 15, 2013, that the Plan and related trust were designed in accordance with the applicable regulations of the Internal Revenue Code ("IRC").

Participants in the Plan are not liable for federal income tax on amounts allocated to their accounts resulting from employer contributions or investment income until such time as a withdrawal is made.

Accounting principles generally accepted in the United States of America require Plan to evaluate tax positions taken by the Plan and to recognize a tax liability if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions by the Plan and has concluded that as of December 31, 2013 and 2012, there are no uncertain provisions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however there are currently no audits for any tax periods in progress. The Plan Administrator believes that the Plan is no longer subject to income tax examinations for years prior to 2010.

9. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

A reconciliation of net assets available for benefits per the financial statements to the total net assets per the Form 5500 as of December 31, 2013 and 2012, and the net increase in net assets per the financial statements to the net income per the Form 5500 for the years ended December 31, 2013 and 2012, is as follows:

	2013	2012
Net assets available for benefits per the financial statements	\$38,916,548	\$25,289,089
Adjustment from contract value to fair value for fully benefit-responsive investment contracts	<u>61,777</u>	<u>93,449</u>
Total net assets per the Form 5500	<u>\$38,978,325</u>	<u>\$25,382,538</u>
Net increase in net assets per the financial statements	\$13,627,459	\$10,544,474
Change in the adjustment from contract value to fair value for fully benefit-responsive investment contracts	(31,672)	11,811
Transfer (from) to other plans	<u>(29,584)</u>	<u>6,621</u>
Net income per the Form 5500	<u>\$13,566,203</u>	<u>\$10,562,906</u>

10. SUBSEQUENT EVENTS

The Plan's management evaluated subsequent events through October 8, 2014, the date on which the financial statements were available to be issued.

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