

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), 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 2010 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2010 or fiscal plan year beginning <u>01/01/2010</u> and ending <u>12/31/2010</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>RETIREMENT INCOME PLAN</u>		1b Three-digit plan number (PN) ▶ <u>039</u>	
		1c Effective date of plan <u>05/01/1978</u>	
2a Plan sponsor's name and address (employer, if for a single-employer plan) (Address should include room or suite no.) <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>325100</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.	10/12/2011	KAREN P. RATHBURN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2011	JOHANN F. KOLLING
	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

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Form 5500 (2010)
v.092307.1

3a Plan administrator's name and address (if same as plan sponsor, enter "Same")

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

36735

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

8339

b Retired or separated participants receiving benefits.....

6b

13645

c Other retired or separated participants entitled to future benefits.....

6c

9613

d Subtotal. Add lines **6a**, **6b**, and **6c**.....

6d

31597

e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....

6e

3492

f Total. Add lines **6d** and **6e**.....

6f

35089

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

80

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 Characteristic Codes in the instructions:

1A 1B 1G

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic 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 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 2010 This Form is Open to Public Inspection
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For calendar plan year 2010 or fiscal plan year beginning 01/01/2010 and ending 12/31/2010

▶ **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 <u>RETIREMENT INCOME PLAN</u>	B Three-digit plan number (PN) ▶ <u>039</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>PPG INDUSTRIES, INC.</u>	D Employer Identification Number (EIN) <u>25-0730780</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2010</u>
2	Assets:
a	Market value 2a <u>2034525927</u>
b	Actuarial value 2b <u>1959372009</u>
3	Funding target/participant count breakdown
	(1) Number of participants (2) Funding Target
a	For retired participants and beneficiaries receiving payment 3a <u>17780</u> <u>1281291062</u>
b	For terminated vested participants 3b <u>11125</u> <u>218107406</u>
c	For active participants:
(1)	Non-vested benefits 3c(1) <u>34427528</u>
(2)	Vested benefits 3c(2) <u>492852682</u>
(3)	Total active 3c(3) <u>8896</u> <u>527280210</u>
d	Total 3d <u>37801</u> <u>2026678678</u>
4	If the plan is at-risk, check the box and complete items (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 at-risk for fewer than five consecutive years and disregarding loading factor 4b
5	Effective interest rate 5 <u>6.65</u> %
6	Target normal cost 6 <u>39461284</u>

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	<u>09/22/2011</u>
Signature of actuary	Date
<u>ARTHUR L. NOONAN</u>	<u>11-04301</u>
Type or print name of actuary	Most recent enrollment number
<u>MERCER</u>	<u>412-355-8800</u>
Firm name	Telephone number (including area code)
<u>SIX PPG PLACE, SUITE 400</u> <u>PITTSBURGH, PA 15222-5499</u>	
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 ☐

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2010
v.092308.1

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 (Item 13 from prior year)	483479543	0
8	Portion used to offset prior year's funding requirement (Item 35 from prior year)	28249710	0
9	Amount remaining (Item 7 minus item 8).....	455229833	
10	Interest on item 9 using prior year's actual return of <u>16.06</u> %	73109911	
11	Prior year's excess contributions to be added to prefunding balance:		
a	Excess contributions (Item 38 from prior year)		169149595
b	Interest on (a) using prior year's effective rate of <u>8.19</u> %		16076604
c	Total available at beginning of current plan year to add to prefunding balance		185226199
d	Portion of (c) to be added to prefunding balance.....		
12	Reduction in balances due to elections or deemed elections.....	190310678	
13	Balance at beginning of current year (item 9 + item 10 + item 11d – item 12).....	338029066	0

Part III		Funding percentages	
14	Funding target attainment percentage.....	14	80.00 %
15	Adjusted funding target attainment percentage.....	15	96.67 %
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	111.52 %
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	
12/30/2010	85000000		
		Totals ▶	18(b) 85000000
			18(c)

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 contribution from prior years.....	19a	
b Contributions made to avoid restrictions adjusted to valuation date	19b	
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	79728075

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No

b If 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No

c If 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

Part V Assumptions used to determine funding target and target normal cost

21 Discount rate:				
a Segment rates:	1st segment: 5.03 %	2nd segment: 6.73 %	3rd segment: 6.82 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 62
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 eligible for (and is using) 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 contribution for all prior years	28	
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (item 19a).....	29	
30 Remaining amount of unpaid minimum required contributions (item 28 minus item 29)	30	0

Part VIII Minimum required contribution for current year

31 Target normal cost, adjusted, if applicable (see instructions).....	31	39461284
32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment		
b Waiver amortization installment		
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 (item 31 + item 32a + item 32b – item 33).....	34	39461284
	Carryover balance	Prefunding balance
35 Balances used to offset funding requirement	27071279	
36 Additional cash requirement (item 34 minus item 35).....	36	12390005
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (Item 19c).....	37	79728075
38 Interest-adjusted excess contributions for current year (see instructions).....	38	67338070
39 Unpaid minimum required contribution for current year (excess, if any, of item 36 over item 37).....	39	
40 Unpaid minimum required contribution for all years	40	

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
		2010
		This Form is Open to Public Inspection.
For calendar plan year 2010 or fiscal plan year beginning 01/01/2010 and ending 12/31/2010		
A Name of plan RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ▶	039
C Plan sponsor's name as shown on line 2a of Form 5500 PPG INDUSTRIES, INC.	D Employer Identification Number (EIN) 25-0730780	

Part I	Service Provider Information (see instructions)
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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

(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)

PPG INDUSTRIES, INC.

25-0730780

(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?
13	PLAN SPONSOR	3275321	Yes ☐ No ☒	Yes ☐ No ☐	0	Yes ☐ No ☒

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

EQUITABLE LIFE

13-5570651

(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?
19	NONE	285994	Yes ☐ No ☒	Yes ☐ No ☐	0	Yes ☐ No ☒

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

MERCER CONSULTING

13-2834414

(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?
11	NONE	60264	Yes ☐ No ☒	Yes ☐ No ☐	0	Yes ☐ No ☒

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

DELOITTE & TOUCHE

13-3891517

(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?
10	NONE	52184	Yes ☐ No ☒	Yes ☐ No ☐	0	Yes ☐ No ☒

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

K&L GATES

25-0921018

(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?
22	NONE	19091	Yes ☐ No ☒	Yes ☐ No ☐	0	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
(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
(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
(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
(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
(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:

<div>SCHEDULE D</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div>		<div>DFE/Participating Plan Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>		<div>OMB No. 1210-0110</div> <div>2010</div> <div>This Form is Open to Public Inspection.</div>	
For calendar plan year 2010 or fiscal plan year beginning 01/01/2010 and ending 12/31/2010					
A Name of plan RETIREMENT INCOME PLAN				B Three-digit plan number (PN) ▶ 039	
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	
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)					
a Name of MTIA, CCT, PSA, or 103-12 IE: PPG INDUSTRIES INC. PENSION PLAN TR					
b Name of sponsor of entity listed in (a): THE BANK OF NEW YORK MELLON					
c EIN-PN 25-6193407-001		d Entity code M		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2290431000	
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 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)	
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 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)	
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 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)	
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 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)	
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 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)	
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 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)	
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 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)	
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 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)	
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 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)	
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 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 103-1	

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
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)**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
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)**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
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)**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
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
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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.	OMB No. 1210-0110
		2010
		This Form is Open to Public Inspection

For calendar plan year 2010 or fiscal plan year beginning 01/01/2010 and ending 12/31/2010		
A Name of plan RETIREMENT INCOME PLAN	B Three-digit plan number (PN)	039
C Plan sponsor's name as shown on line 2a of Form 5500 PPG INDUSTRIES, INC.	D Employer Identification Number (EIN) 25-0730780	

Part I	Asset and Liability Statement
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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)	116000000	42500000
(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)	1923784528	2290431000
(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)	75018329	134212186

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	2114802857	2467143186

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	435218	390876
i Acquisition indebtedness	1i		
j Other liabilities	1j	75018329	134212186
k Total liabilities (add all amounts in lines 1g through 1j)	1k	75453547	134603062

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	2039349310	2332540124
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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)	127500000	
(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)		127500000
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)		
(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)		
(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)		

		(a) Amount	(b) Total
2b (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)		
(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)		317099403
(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		972281
d Total income. Add all income amounts in column (b) and enter total.....	2d		445571684

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	148506882	
(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)		148506882
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)	87200	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	285994	
(4) Other	2i(4)	3500794	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		3873988
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		152380870

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		293190814
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

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: DELOITTE AND TOUCHE, LLP

(2) EIN: 13-3891517

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 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete 4j and 4l. MTIAs also do not complete 4l.

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.).....		X	
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.).....		X	
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		1500000
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)

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
		2010
		This Form is Open to Public Inspection.

For calendar plan year 2010 or fiscal plan year beginning 01/01/2010 and ending 12/31/2010

A Name of plan <u>RETIREMENT INCOME PLAN</u>	B Three-digit plan number (PN) ▶ <u>039</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
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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
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>25-6078093</u> <u>13-5570651</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 <u>0</u>

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)
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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	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 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
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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(es). If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
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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.
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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

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Schedule R (Form 5500) 2010
v.092308.1

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 items 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 items 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 items 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 items 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 items 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 items 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 item 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 items (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: 42.5% Investment-Grade Debt: 52.2% High-Yield Debt: 1.7% Real Estate: 3.6% Other: 0.0%

- 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 item 19(b)?

☐ Effective duration ☐ Macaulay duration ☒ Modified duration ☐ Other (specify):

PPG Industries, Inc. Retirement Income Plan

Employer ID No: 25-0730780
Plan Number: 039

Financial Statements as of December 31, 2010 and
2009, and for the Year Ended December 31, 2010,
and Independent Auditors' Report

PPG INDUSTRIES, INC. RETIREMENT INCOME PLAN

2010 FORM 5500

ANNUAL RETURN/REPORT OF EMPLOYEE BENEFIT PLAN

PLAN SPONSOR:

PPG INDUSTRIES, INC.
ONE PPG PLACE
PITTSBURGH, PA 15272

EMPLOYER IDENTIFICATION NUMBER:

25-0730780

NAME OF PLAN:

PPG INDUSTRIES, INC.
RETIREMENT INCOME PLAN

PLAN NUMBER:

039

PPG INDUSTRIES, INC. RETIREMENT INCOME PLAN

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NOTE: All schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.	



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INDEPENDENT AUDITORS' REPORT

To the Participants of the PPG Industries, Inc.
Retirement Income Plan:

We were engaged to audit the financial statements of the PPG Industries, Inc. Retirement Income Plan (the "Plan") as of December 31, 2010 and 2009, and for the year ended December 31, 2010, as listed in the table of contents. These financial statements are the responsibility of the Plan's management.

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 8, which was certified by the Bank of New York Mellon, N.A., the trustee of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the Plan Administrator that the trustee holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained certifications from the trustee that the information as of December 31, 2010 and 2009, and for the year ended December 31, 2010, provided to the Plan Administrator by the trustee is complete and accurate.

Because of the significance of the information that we did not audit, we are unable to express, and we do not express, an opinion on the accompanying financial statements taken as a whole. The form and content of the information included in the financial statements, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Deloitte + Touche LLP

October 7, 2011

PPG INDUSTRIES, INC. RETIREMENT INCOME PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS AS OF DECEMBER 31, 2010 AND 2009

	2010	2009
ASSETS:		
Investments at fair value — PPG Industries, Inc. Pension Plan Trust Commingled Fund	\$2,290,431,000	\$1,923,784,528
Employer contribution receivable	42,500,000	116,000,000
Collateral held under securities lending agreements	<u>134,212,186</u>	<u>75,018,329</u>
Total assets	<u>2,467,143,186</u>	<u>2,114,802,857</u>
LIABILITIES:		
Accrued administrative expenses	390,876	435,218
Liability to return collateral held under securities lending agreements	<u>134,212,186</u>	<u>75,018,329</u>
Total liabilities	<u>134,603,062</u>	<u>75,453,547</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$2,332,540,124</u>	<u>\$2,039,349,310</u>

See notes to financial statements.

PPG INDUSTRIES, INC. RETIREMENT INCOME PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS FOR THE YEAR ENDED DECEMBER 31, 2010

ADDITIONS:

Net appreciation in fair value of PPG Industries Inc.	
Pension Plan Trust Commingled Fund	\$ 317,099,403
Employer contribution	127,500,000
Other	<u>972,281</u>
Total additions	<u>445,571,684</u>

DEDUCTIONS:

Benefit payments	148,506,882
Administrative expenses	<u>3,873,988</u>
Total deductions	<u>152,380,870</u>

NET INCREASE	293,190,814
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NET ASSETS AVAILABLE FOR BENEFITS — Beginning of year	<u>2,039,349,310</u>
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NET ASSETS AVAILABLE FOR BENEFITS — End of year	<u>\$ 2,332,540,124</u>
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See notes to financial statements.

PPG INDUSTRIES, INC. RETIREMENT INCOME PLAN

NOTES TO FINANCIAL STATEMENTS

AS OF DECEMBER 31, 2010 AND 2009, AND FOR THE YEAR ENDED DECEMBER 31, 2010

1. DESCRIPTION OF PLAN AND ACCOUNTING POLICIES

The following brief description of the PPG Industries, Inc. Retirement Income Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan document for more complete information.

General — The Plan is a defined benefit pension plan covering all retired and terminated vested employees prior to January 1, 1985, of all the qualified defined benefit pension plans sponsored by PPG Industries, Inc. (the “Company”), all retired and terminated vested employees between January 1, 1985 and January 1, 1988, previously covered by certain other qualified defined benefit pension plans sponsored by the Company, all active hourly employees not represented by a collective bargaining agreement, and generally all regular salaried employees of the Company. The Director of Payroll and Benefits of the Company is the Plan Administrator who controls and manages the operation and administration of the Plan. Expenses of the Plan are paid by either the Plan or the Company. The Bank of New York Mellon, N.A. (“BNY Mellon”) serves as the trustee of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Benefits — All current employees become vested after five years of continuous service and are entitled to pension benefits upon retirement as defined by the Plan document. The Plan provides for normal retirement upon reaching normal retirement age, as defined in the Plan document, and has provisions for early retirement and disability benefits for those persons who are eligible to receive such benefits. Monthly benefits under the Plan for all former hourly employees are equal to those benefits determined under terms of the participant’s former plan, as amended to the date of retirement or termination. Monthly benefits under the Plan for all salaried employees vary depending on the employee’s date of retirement, final average monthly earnings, and the years of continuous service, as defined by the Plan document. Such benefits may be reduced by early retirement, survivor benefits, or other elected options. Benefit payments to participants are recorded upon distribution.

Basis of Accounting — The accompanying financial statements of the Plan have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP).

Use of Accounting Estimates — The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein, the actuarial present value of accumulated plan benefits and the changes therein, and disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

Valuation of Investments — The Plan’s investment in the PPG Industries, Inc. Pension Plan Trust Commingled Fund (the “Trust”) is presented at estimated fair value. Fair value has been determined based on quoted market prices of the investments of the Trust, if available, or estimated by independent brokerage firms. The fair value of the common trust funds is determined based on the fair value of the underlying securities held by the fund (see Note 3).

Risk and Uncertainties — The Trust utilizes various investment instruments, including U.S. government securities, corporate debt investments, and corporate stocks. Investment securities, in general, are exposed to various risks, such as interest rate, credit risk, 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 materially affect the amounts reported in the financial statements.

Adoption of New Accounting Standards — In June 2009, the Financial Accounting Standards Board (FASB) issued new accounting guidance entitled, “The FASB Accounting Standards Codification (ASC) and the Hierarchy of Generally Accepted Accounting Principles — a replacement of FASB Statement No. 162,” which identifies the sources of accounting principles and the framework for selecting the principles used in the preparation of financial statements of nongovernmental entities that are presented in conformity with GAAP. This new guidance was implemented at September 30, 2009, when it became effective. The adoption of this guidance has changed how we reference various elements of GAAP when preparing our financial statement disclosures, but did not have an impact on the Plan’s financial statements.

In May 2009, the FASB issued new accounting guidance on subsequent events. The objective of this guidance is to establish general standards of accounting for, and disclosure of, events that occur after the balance sheet date but before the financial statements are issued or are available to be issued. This new accounting guidance was adopted as of June 30, 2009, when it became effective. Adopting this new guidance did not have a material impact on the accompanying financial statements. Other than those described within Note 11, the Plan has determined that there were no subsequent events that would require disclosure or adjustment to the accompanying financial statements through October 7, 2011.

In September 2009, the FASB issued Accounting Standards Update (ASU) No. 2009-12, *Fair Value Measurements and Disclosures: Investments in Certain Entities That Calculate Net Asset per Share (or Its Equivalent)* (ASU 2009-12), which amended ASC Subtopic 820-10, *Fair Value Measurements and Disclosures — Overall*. ASU No. 2009-12 is effective for the first reporting period ending after December 15, 2009. ASU No. 2009-12 expands the required disclosures for certain investments with a reported net asset value. ASU No. 2009-12 permits, as a practical expedient, an entity holding investments in certain entities that calculate net asset value per share or its equivalent for which the fair value is not readily determinable, to measure the fair value of such investments on the basis of that net asset value per share or its equivalent without adjustment. The ASU requires enhanced disclosures about the nature and risks of investments within its scope. Such disclosures include the nature of any restrictions on an investor’s ability to redeem its investments at the measurement date, any unfunded commitments, and the investment strategies of the investee. The Plan has adopted ASU No. 2009-12 on a prospective basis for the year ended December 31, 2009 (see Note 4).

In January 2010, the FASB issued ASU No. 2010-06, *Fair Value Measurements and Disclosures*, which amends ASC 820, adding new disclosure requirements for Levels 1 and 2, separate disclosures on purchases, sales, issuances, and settlements relating to Level 3 measurements, and clarification of existing fair value disclosures. ASU No. 2010-06 is effective for periods beginning after December 15, 2009, except for the requirements to provide Level 3 activity of purchases, sales, issuances, and settlements on a gross basis, which will be effective for fiscal years beginning after December 15, 2010. The adoption of the guidance related to the added requirements for Levels 1 and 2 did not affect the Plan’s financial statements. The Plan is still evaluating the impact that the separate disclosure requirements related to Level 3 measurements will have on the financial statements.

New Accounting Standards to be Adopted — In May 2011, the FASB issued ASU No. 2011-04, *Amendments to Achieve Common Fair Value Measurement and Disclosure Requirements in U.S. GAAP and IFRSs*, which amends ASC 820. ASU 2011-04 also requires the categorization by level for items that are only required to be disclosed at fair value and information about transfers between Level 1 and Level 2. In addition, the ASU provides guidance on measuring the fair value of financial instruments managed within a portfolio and the application of premiums and discounts on fair value measurements. The ASU requires additional disclosure for Level 3 measurements regarding the sensitivity of fair value to changes in unobservable inputs and any interrelationships between those inputs. The new guidance is effective for reporting periods beginning after December 15, 2011. The adoption will not have a material effect on the statement of net assets available for benefits and statement of changes in net assets available for benefits. Plan management has not determined the impact on the disclosures in the financial statements.

2. ACCUMULATED PLAN BENEFITS

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, that are attributable under the Plan's provisions to the service employees who have rendered as of the valuation date. Accumulated plan benefits include benefits expected to be paid to (a) retired, terminated, or transferred employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits under the Plan are based upon years of continuous service (see Note 1). Benefits payable under all circumstances, including retirement, death, disability, and termination of employment, are included to the extent that they are deemed attributable to employee service rendered to the date as of which the benefit information is presented.

As of December 31, 2010 and 2009, the actuarial present value of accumulated plan benefits is as follows (in millions):

	2010	2009
Vested benefits:		
Participants currently receiving payments	\$ 1,392	\$ 1,246
Other participants	874	795
Nonvested benefits	<u>59</u>	<u>58</u>
Total	<u>\$ 2,325</u>	<u>\$ 2,099</u>

The changes in the actuarial value of accumulated plan benefits for the years ended December 31, 2010 and 2009, were as follows (in millions):

	2010	2009
Actuarial present value of accumulated plan benefits — beginning of year — January 1	<u>\$ 2,099</u>	<u>\$ 2,002</u>
Increase (decrease) during the year attributable to:		
Benefits accumulated and gains	63	65
Increase for interest due to the discount period	121	121
Change in assumptions	191	57
Benefits paid	<u>(149)</u>	<u>(146)</u>
Net increase	<u>226</u>	<u>97</u>
Actuarial present value of accumulated plan benefits — end of year — December 31	<u>\$ 2,325</u>	<u>\$ 2,099</u>

The actuarial present value of accumulated plan benefits was determined by the Plan's actuary, Mercer Human Resource Consulting, and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements, such as for death, disability, withdrawal, or retirement) between the valuation date and the expected dates of payment. The significant actuarial assumptions used in determining accumulated plan benefits were (a) the RP2000 Mortality Table at both December 31, 2010 and 2009, (b) an assumed average retirement age of 62 at both December 31, 2010 and 2009, and (c) a discount rate of 5.35% and 5.90% as of December 31, 2010 and 2009, respectively.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

3. INVESTMENTS IN THE PENSION PLAN TRUST COMMINGLED FUND (UNAUDITED)

The investment assets of the Plan consist of an undivided interest in the Total Combined PPG Fund (the "Fund") of the Trust. Use of the Fund permits the commingling of the Trust assets of the pension plans of the Company for investment and administrative purposes. Although Plan assets are commingled in the Fund, supporting records are maintained for the purpose of allocating the Fund's net earnings or loss to each of the plans that participate in the Fund. Plans that participate in the Trust include the Plan and the PPG Retirement Pension Plan.

The Fund holds derivative instruments, including foreign exchange and S&P 500 index futures contracts. The Fund holds these futures contracts to hedge foreign currency risk on international investments and to gain exposure to the S&P 500 market.

The financial statements of the Trust are prepared in accordance with GAAP. The Trust's net assets are combined in one investment account, the Bond and Equity Account. These investments are stated at fair value, which generally is determined based on quoted market prices.

The unaudited net investments of the Fund as of December 31, 2010 and 2009, are summarized as follows (in millions):

	2010	2009
Common trust funds:		
Equity	\$ 1,292.7	\$ 1,005.5
Debt	151.0	145.7
U.S. government securities	529.2	451.1
Corporate debt	616.3	576.5
Common stock — PPG Industries, Inc.	126.6	128.4
Temporary investments	(6.0)	4.8
Unallocated insurance contracts	66.0	43.3
Receivable for investments sold	33.4	68.0
Payable for investments purchased	(138.1)	(114.1)
Income receivable	13.0	13.1
Other	158.6	63.4
	<u>\$ 2,842.7</u>	<u>\$ 2,385.7</u>

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 in active markets for identical assets and liabilities, are considered to be the most reliable evidence of fair value, and should be used whenever available. Level 2 inputs are observable prices that are not quoted on active exchanges. Level 3 inputs are unobservable inputs employed for measuring the fair value of assets and liabilities.

The financial assets of the Fund that are reported at fair value on a recurring basis as of December 31, 2010, are as follows (in millions):

	Level 1	Level 2	Level 3	Total
Common trust funds:				
Equity	\$ 220.2	\$ 1,036.1	\$ 36.4	\$ 1,292.7
Debt	-	151.0	-	151.0
U.S. government securities	-	529.2	-	529.2
Corporate debt	-	616.3	-	616.3
Common stock — PPG Industries, Inc.	126.6	-	-	126.6
Temporary investments	(6.0)	-	-	(6.0)
Unallocated insurance contracts	-	-	66.0	66.0
Receivable for investments sold	-	33.4	-	33.4
Payable for investments purchased	-	(138.1)	-	(138.1)
Income receivable	-	13.0	-	13.0
Other	3.5	150.2	4.9	158.6
	<u>\$ 344.3</u>	<u>\$ 2,391.1</u>	<u>\$ 107.3</u>	<u>\$ 2,842.7</u>
Total				

The financial assets of the Fund that are reported at fair value on a recurring basis as of December 31, 2009, are as follows (in millions):

	Level 1	Level 2	Level 3	Total
Common trust funds:				
Equity	\$ 145.3	\$ 828.3	\$ 31.9	\$ 1,005.5
Debt	145.7	-	-	145.7
U.S. government securities	-	451.1	-	451.1
Corporate debt	-	576.5	-	576.5
Common stock — PPG Industries, Inc.	29.3	99.1	-	128.4
Temporary investments	4.8	-	-	4.8
Unallocated insurance contracts	-	-	43.3	43.3
Receivable for investments sold	-	68.0	-	68.0
Payable for investments purchased	-	(114.1)	-	(114.1)
Income receivable	-	13.1	-	13.1
Other	3.6	48.2	11.6	63.4
	<u>3.6</u>	<u>48.2</u>	<u>11.6</u>	<u>63.4</u>
Total	<u>\$ 328.7</u>	<u>\$ 1,970.2</u>	<u>\$ 86.8</u>	<u>\$ 2,385.7</u>

The change in the fair value of the Fund's Level 3 assets for the years ended December 31, 2010 and 2009, was as follows (in millions):

	Common Trust Funds	Unallocated Insurance Contracts	Other	Total
Beginning balance — January 1, 2009	\$ 43.4	\$ 66.9	\$ 17.2	\$ 127.5
Change in fair value — net	<u>(11.5)</u>	<u>(23.6)</u>	<u>(5.6)</u>	<u>(40.7)</u>
Ending balance — December 31, 2009	31.9	43.3	11.6	86.8
Change in fair value — net	<u>4.5</u>	<u>22.7</u>	<u>(6.7)</u>	<u>20.5</u>
Ending balance — December 31, 2010	<u>\$ 36.4</u>	<u>\$ 66.0</u>	<u>\$ 4.9</u>	<u>\$ 107.3</u>

The net earnings of the Fund are allocated monthly to each plan participating in the Fund based on the relationship of the undivided interest of each plan in the Fund at the end of the month to the total of the undivided interests of the two plans participating in the Fund. The unaudited net investment earnings (losses) of the Fund for the year ended December 31, 2010, are summarized as follows (in millions):

Investment earnings — net appreciation in fair value of investments:	
Common trust funds-equity	\$ 177.3
U.S. government securities	26.5
Corporate debt	32.5
Futures contracts	46.8
Equity securities	44.0
Other — principally from equity and fixed income options	<u>22.1</u>
Net appreciation in fair value of investments	349.2
Interest and dividends	56.8
Investment advisory and management fees	<u>(12.2)</u>
Net investment gain	<u>\$ 393.8</u>

The Plan's interest in the Fund, as a percentage of net assets of the Fund, was approximately 81% at December 2010 and 2009.

4. NET ASSET VALUE (NAV) PER SHARE (UNAUDITED)

The following table sets forth a summary of the Plan's investments with a reported NAV at December 31, 2010 and 2009.

Fair Value Estimated Using Net Asset Value per Share					
December 31, 2010					
Investment	Fair Value * (In Millions)	Unfunded Commitment	Redemption Frequency	Other Redemption Restrictions	Redemption Notice Period
J.P. Morgan Strategic Property Fund (a)	\$36.4	None	Quarterly	None	45 days
December 31, 2009					
Investment	Fair Value * (In Millions)	Unfunded Commitment	Redemption Frequency	Other Redemption Restrictions	Redemption Notice Period
J.P. Morgan Strategic Property Fund (a)	\$31.9	None	Quarterly	None	45 days

* The fair values of the investments have been estimated using the net asset value of the investment.

(a) The J.P. Morgan Strategic Property Fund seeks improved real estate projects with stabilized occupancies, which produce a relatively high level of current income combined with moderate appreciation potential.

5. SECURITIES LENDING

The Plan participates in a securities lending program through BNY Mellon. Under this program, the Plan's investment securities are loaned to investment brokers for a fee. Securities so loaned are fully collateralized by cash, letters of credit, and securities issued or guaranteed by the U.S. government, its agencies, and instrumentalities. At December 31, 2010 and 2009, \$131,256,000 and \$73,396,000, respectively, of the Plan's securities were on loan under BNY Mellon's securities lending program. The fair value of the collateral received as a percentage of the total current value of the securities on loan by the Plan was approximately 102.3% and 102.2% for the years ended December 31, 2010 and 2009, respectively. Income from the program was \$118,000 and \$176,000, respectively for the years ended December 31, 2010 and 2009, and is recorded in equity in net earnings of the Trust in the accompanying financial statements.

6. FUNDING POLICY (UNAUDITED)

Contributions to provide benefits under the Plan are made solely by the Company. The Company's funding policy is to make contributions to the Plan based upon the calculations of the Plan's actuary using the unit credit cost method, which consists of normal cost, plus amortization of unfunded prior service costs over a 40-year period or less.

In 2011, the Company contributed cash of \$42,500,000 to the Plan relating to the 2010 Plan year. This contribution is reflected as an employer contribution receivable in the accompanying financial statements as of December 31, 2010. In 2010, the Company contributed cash of \$85,000,000 and \$116,000,000, respectively to the Plan relating to the 2010 and 2009 Plan years. The 2009 Plan year contribution is reflected as an employer contribution receivable in the accompanying financial statements as of December 31, 2009. The Company met the minimum funding requirements of ERISA for the years ended December 31, 2010 and 2009.

7. PLAN TERMINATION

Although the Company has not expressed any intention to do so, it has the right under the Plan to discontinue its contributions to the Plan at any time and terminate the Plan subject to the provisions set forth in the Plan document and ERISA.

In the event that the Plan is terminated, the net assets of the Plan will be allocated for payment of plan benefits to the participants in an order of priority determined in accordance with ERISA, applicable regulations thereunder, and the Plan document. Whether a particular participant's accumulated plan benefits will be paid depends on both the priority of those benefits and the level of benefits guaranteed by the Pension Benefit Guaranty Corporation (PBGC) at that time.

Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination, subject to a statutory ceiling on the amount of an individual's monthly benefit.

Whether all participants receive their benefits should the Plan be terminated at some future time will depend on the sufficiency, at the time, of the Plan's net assets to provide those benefits, the priority of those benefits to be paid, and the level and type of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided for by the then-existing assets and the PBGC guaranty, while other benefits may not be provided for at all.

8. INFORMATION CERTIFIED BY TRUSTEE (UNAUDITED)

The following is a summary of the unaudited information regarding the Plan, included in the Plan's financial statements, that was prepared by or derived from information prepared by BNY Mellon and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from BNY Mellon that such information is complete and accurate.

	2010	2009
Statements of net assets available for benefits —		
Investments at fair value	\$2,290,431,000	\$1,923,784,528
Statement of changes net assets available for benefits —		
Net appreciation in fair value of the PPG Industries, Inc. Pension Plan Trust Commingled Fund	317,099,403	

Unaudited information concerning the Trust is included in Notes 3, 4, and 6 to the financial statements.

9. FEDERAL INCOME TAX STATUS

The Plan obtained its latest determination letter dated September 13, 2002, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code (IRC). The Plan has been amended since receiving the determination letter. The Plan Administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, they believe that the Plan was qualified and the related Trust was tax exempt as of December 31, 2010 and 2009, and no provision for income taxes has been included in the Plan's financial statements. In January 2011, the Plan was filed with the IRS for an updated determination letter.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2010, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) 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 it is no longer subject to income tax examinations for years prior to 2007.

10. PLAN AMENDMENTS

There were no Plan amendments in 2010 or 2009 that had a material impact on the actuarial present value of accumulated plan benefits.

11. SUBSEQUENT EVENT

In January 2011, the Plan was amended to no longer accrue benefits for employees either as of December 31, 2011 or December 31, 2020, depending upon their combined age and service to the Company. The affected employees will participate in the Company's defined contribution retirement plan from the date when their benefit under the Plan is frozen. The effect of this change on the actuarial present value of accumulated plan benefits was a decrease of approximately \$65 million for the year ended December 31, 2011.

* * * * *

Schedule SB, Part V — Summary of Plan Provisions**Benefits included or excluded**

Unless noted below, all benefits provided by the plan are included in this valuation.

- **Plan amendments:** Amendments adopted after the valuation date or effective after the current plan year are excluded from the valuation.
- **IRC Section 436 benefit restrictions:**
 - *Unpredictable contingent event benefits:* The plan does not have any unpredictable contingent event benefits.
 - *Plan amendments:* See above.
 - *Prohibited payments:* Limitations on prohibited benefits (if any) are reflected for annuity starting dates before the valuation date but are ignored for annuity starting dates on or after the valuation date.
 - *Benefit accruals:* The plan's funding target and target normal cost do not reflect any limitation on benefit accruals.
- **Scheduled benefit increases:** Scheduled benefit increases effective after the end of the current plan year are excluded from minimum funding requirements.
- **Late retirement increases:**
 - *Active participants:* Current active participants over normal retirement age are valued using their accrued benefit. Late retirement actuarial increases are deemed to be immaterial for the purposes of this valuation.
 - *Deferred vested participants:* Current deferred vested participants over normal retirement age are valued including the late retirement actuarial increase.
- **Unpredictable contingent event benefits:** The plan does not have any unpredictable contingent event benefits.
- **IRC Section 415(b):** The limitations of Internal Revenue Code Section 415(b) have been incorporated into our calculations.
- **IRC Section 401(a)(17):** The limitations of Internal Revenue Code Section 401(a)(17) have been incorporated into our calculations.
- **IRC Section 416 rules for top-heavy plans:** We did not test whether this plan is top-heavy (when the present value of benefits for key employees equals or exceeds 60 percent of the present value for all participants). However, we expect that the plan is not top-heavy due to the large number of rank-and-file participants; therefore, the funding target and target normal cost do not reflect any liability for top-heavy benefit accruals.

Schedule SB, Part V — Summary of Plan Provisions**Summary of major plan provisions**

Plan name	Retirement Income Plan		
Appendix name	Retirement Income Plan	Appendix Effective	12/24/1940
Group number	039		
Type of plan	Five Year Average Earnings (FAE)		
Normal form	Life Annuity		
Plan eligibility	Date of Hire		
Credited service	From Date of Hire		
Continuous service	From Date of Hire		
Pension earnings	Monthly Base Salary		
SSNRA	Social Security Normal Retirement Age		
Employee contributions	None		
Class	Salaried Employees		
Accrued benefit	Greater of: Regular Formula (.855% FAE (basic benefit) + .585% FAE in excess of Social Security Covered Compensation (excess benefit)) x Credited Service (maximum 35 Years) OR Alternate Formula \$36.00 x Continuous Service OR The Frozen Accrued Benefit as of 12/31/1988		
Participation	Effective January 1, 2006, this appendix is frozen to new entrants. Active participants have ongoing benefit accruals.		
Significant events	None.		

Schedule SB, Part V — Summary of Plan Provisions

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	SSNRA			Accrued Benefit payable immediately
<i>Early</i>	SSNRA-10			Benefits under the regular formula are reduced 3% per year from SSNRA-4. Benefits under the alternate formula are reduced 5% per year from SSNRA-4.
<i>Special early</i>			80	Accrued Benefit reduced each year prior to SSNRA-3 according to Exhibit A (for benefits earned prior to 4/1/2000)
<i>Postponed</i>	>SSNRA			Accrued Benefit at actual retirement date
<i>Vesting</i>		5		Accrued Benefit deferred to SSNRA
<i>Disability</i>				No special provision other than continuation of service accrual
<i>Pre retirement death</i>		5		Surviving spouse receives 50% of Benefit calculated as if the participant retired early at first possible date and elected J&S coverage
<i>Nonvested</i>				None

NOTE:

- Social Security Covered Compensation:** Based on Social Security Act in effect at date of computation, the average monthly earnings subject to Social Security taxes assuming that the participant, for each year through and including the year prior to SSNRA, earns an amount at least equal to the Social Security taxable wage base for each year.
- Special Minimum Death Benefit:** For any participant who made contributions under the prior plan, a minimum lump sum death benefit equal to contributions plus credited interest (to earlier of date of death or benefit commencement date) less benefits paid to participant and joint annuitant, if any.
- Special Premium for Pilots:** For any pilot who retires on or after his 60th birthday, benefits will be calculated using "Pilot's Credited Service" (Credited Service plus two years) and "Pilot's Final Average Salary" (Final Average Salary calculated assuming salary at termination date continued for two years). Additionally, a temporary monthly supplement of \$400 will be paid from benefit commencement date to the earlier of date of death or attainment of age 62.
- Supplemental Early Retirement Benefits (for terminations prior to April 1, 2000):** A participant
 - who has attained age 48 and whose age and service total 80 or more
and
 - whose employment is terminated due to facility shutdown or business consolidation

will receive a supplemental benefit, equal to the social security early retirement age benefit less the early retirement benefit. The participant will also receive \$400 per month until three years before social security normal retirement age.

The supplemental early retirement benefit is subject to a cap equal to 1.5 times compensation.

Schedule SB, Part V — Summary of Plan Provisions**5. April 1, 2000 Change in Plan Provisions**

Effective April 1, 2000, the plan provisions for salaried participants were changed.

The regular formula was changed from $(.950\% \text{ FAE} + .650\% \text{ FAE in excess of Social Security Covered Compensation}) \times \text{Credited Service (maximum 35 years)}$ to $(.855\% \text{ FAE} + .585\% \text{ FAE in excess of Social Security Covered Compensation}) \times \text{Credited Service (maximum 35 years)}$

The early retirement reduction factors were changed from the rates described in Exhibit A to:

Regular formula – 3% per year from 4 years prior to Social Security Normal Retirement Age
Alternate formula – 5% per year from 4 years prior to Social Security Normal Retirement Age

However at retirement, all participants hired on or before April 1, 2000 will have a minimum benefit equal to (a) + (b) where:

- a) the benefit under the old regular formula $(.950\%/.650\%)$ using final average earnings at retirement and service at April 1, 2000.
- b) the benefit under the new regular formula $(.855\%/.585\%)$ using final average earnings at retirement and service since April 1, 2000.

Benefits earned under (a) are reduced from early retirement by the factors in Exhibit A and benefits earned under (b) are reduced from early retirement by 3% for each year retirement occurs prior to four years before Social Security Age.

6. **Auto Glass Divestiture:** In accordance with the terms of the divestiture of the auto glass business, affected salaried employees with 80 points at date of sale receive salary increases of 1.50% per year during continued employment with PGW.

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name:</i>	Retirement Income Plan		
<i>Appendix name</i>	Cleveland	<i>Appendix Effective</i>	04/01/1957
<i>Group number</i>	031		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Continuous service</i>	From Date of Hire		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees		
<i>Accrued benefit</i>	Contribution: \$49.00 x Continuous Service Expense: \$49.00 x Contributions Service		
<i>Status of the plan</i>	Effective January 1, 2006, this Appendix is frozen to new entrants. Active participants have ongoing benefit accruals.		
<i>Significant events</i>	None		

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	65			Accrued Benefit payable immediately
<i>Early</i>	55	10		Accrued Benefit reduced 6.0% for each year prior to 62.
<i>Vesting</i>		5		Accrued Benefit deferred to 65 or reduced 7.2% for each year prior to 65 once eligible for early
<i>Disability</i>		10		Accrued Benefit payable immediately, plus, if not eligible for Social Security, a temporary supplement payable to 65 equal to \$24.50 x Continuous Service less Disability payments
<i>Pre retirement death</i>		5		Surviving spouse receives 55% of Benefit calculated as if the participant retired early at first possible date and elected J&S coverage
<i>Nonvested</i>				None

NOTE:**1. Supplemental Early Retirement Benefits:** A participant

who has attained age 48 and whose age and service total 80 or more and whose employment is terminated due to facility shutdown or business consolidation

will receive a supplemental benefit, equal to the accrued benefit less the early retirement benefit. The participant will also receive \$400 per month until age 62.

The supplemental early retirement benefit is subject to a cap equal to 1.5 times annual wages divided by the number of months the participant is under age 62 as of his supplemental early retirement date.

Schedule SB, Part V — Summary of Plan Provisions

2. **Early Retirement Incentive Program:** In March of 2002, active hourly employees at Cleveland were offered an early retirement window. Nine active employees elected to retire under these window provisions which enhanced benefits.
3. **New Early Retirement Window:** Effective December 1, 2007, a defined list of participants provided to Mercer by PPG were offered an early retirement window and are entitled to:
 - No early retirement reduction factor upon retirement, and
 - Temporary supplement of \$600 per month payable until age 62, but not less than two years.

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name</i>	Retirement Income Plan		
<i>Appendix name</i>	Shelby/Lexington/Chester	Appendix Effective	05/01/1967
<i>Group number</i>	032		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Continuous service</i>	From Date of Hire		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees		
<i>Accrued benefit</i>	Contribution: \$36.00 x Continuous Service Expense: \$36.00 x Continuous Service		
<i>Status of the plan</i>	Effective February 1, 2006, this Appendix is frozen to new entrants. Active participants have ongoing benefit accruals.		
<i>Significant events</i>	None		

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	65			Accrued Benefit payable immediately
<i>Early</i>	55	10		Accrued Benefit reduced 5.0% for each year prior to Social Security Normal Retirement Age - 4.
<i>Vesting</i>		5		Accrued Benefit deferred to 65 or reduced 7.2% for each year prior to 65 once eligible for early
<i>Disability</i>		10		Accrued Benefit payable immediately, plus, if not eligible for Social Security, a temporary supplement payable to 65 equal to \$14.00 x Continuous Service less Disability payments
<i>Pre retirement death</i>		5		Surviving spouse receives 50% of Benefit calculated as if the participant retired early at first possible date and elected J&S coverage
<i>Nonvested</i>				None
<i>Conversion to optional forms</i>	Joint & Survivor conversion tables were changed from the 90% ± 5 to the 95% ± 5 table for retirements on and after July 1, 1998.			

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name:</i>	Retirement Income Plan		
<i>Appendix name</i>	Crestline	<i>Appendix Effective</i>	04/01/1966
<i>Group number</i>	033		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Continuous service</i>	From Date of Hire		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees Covered by Bargaining Agreement		
<i>Accrued benefit</i>	A + B where: <i>Contribution:</i> A = \$28.00 x Continuous Service (Maximum 29 Years). B = \$31.00 x Continuous Service (Over 29 Years). <i>Expense</i> A = \$28.00 x Continuous Service (Maximum 29 Years) B = \$31.00 x Continuous Service (Over 29 Years)		
<i>Status of the plan</i>	This Appendix is frozen to new entrants and no longer has ongoing benefit accruals.		
<i>Significant events</i>	None.		

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	65			Accrued Benefit payable immediately
<i>Early</i>	60 55	10 or	85	Accrued Benefit reduced for each year prior to 62 See Exhibit A
<i>Special early</i>	62	15		Accrued Benefit payable immediately plus temporary supplement payable to 65 that provides a total benefit of twice the accrued benefit as if \$22.00/\$25.00 benefit levels were used.
<i>Special 30-year</i>	58	30		Accrued Benefit x early retirement factor payable immediately, subject to minimum guaranteed Benefit of \$825.00 prior to 62 and minimum guaranteed Benefit of \$415.00 after 62 and prior to 65

Schedule SB, Part V — Summary of Plan Provisions

<i>Vesting</i>	5	Accrued Benefit deferred to 65 or reduced 6.667% for each year prior to 65 once eligible for early
<i>Disability¹</i>	10	Accrued Benefit payable immediately, plus, if not eligible for Social Security, a temporary supplement payable to 65 equal to \$14.00 x Continuous Service (maximum \$350.00) less Disability payments
<i>Pre retirement death</i>	5	Surviving Spouse receives 60% of Benefit calculated as if participant retired early at first possible date and elected J&S Coverage
<i>Post retirement death</i>		Reduction in Benefit required for J&S Coverage is removed in event of spouse's death after commencement date of pension with waiting period
<i>Nonvested</i>		None

NOTE:

1. **Auto Glass Divestiture:** As part of the auto glass divestiture, continuous service was frozen as of the sale date of 9/30/2008. Participants continue to earn eligibility service during continued employment with PGW. Special 30-year early retirement benefits are prorated between PPG and PGW.

¹ Also includes the Special 30-Year Benefit.

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name:</i>	Retirement Income Plan		
<i>Appendix name</i>	Tipton	Appendix Effective	04/01/1966
<i>Group number</i>	034		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Continuous service</i>	From Date of Hire		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees Covered by Bargaining Agreement		
<i>Accrued benefit</i>	A + B where: <i>Contribution:</i> A = \$28.00 x Continuous Service (Maximum 29 Years). B = \$31.00 x Continuous Service (Over 29 Years). <i>Expense</i> A = \$28.00 x Continuous Service (Maximum 29 Years) B = \$31.00 x Continuous Service (Over 29 Years)		
<i>Status of the plan</i>	This Appendix is frozen to new entrants and no longer has ongoing benefit accruals		
<i>Significant events</i>	None		

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	65			Accrued Benefit payable immediately
<i>Early</i>	60 55	10 or	85	Accrued Benefit reduced for each year prior to 62 See Exhibit A
<i>Special early</i>	62	15		Accrued Benefit payable immediately plus temporary supplement payable to 65 that provides a total benefit of twice the accrued benefit as if \$22.00/\$25.00 benefit levels were used.
<i>Special 30-year</i>	58	30		Accrued Benefit x early retirement factor payable immediately, subject to minimum guaranteed Benefit of \$825.00 prior to 62 and minimum guaranteed Benefit of \$415.00 after 62 and prior to 65
<i>Vesting</i>		5		Accrued Benefit deferred to 65 or reduced 6.667% for each year prior to 65 once

Schedule SB, Part V — Summary of Plan Provisions

		eligible for early
<i>Disability</i> ²	10	Accrued Benefit payable immediately, plus, if not eligible for Social Security, a temporary supplement payable to 65 equal to \$14.00 x Continuous Service (maximum \$350.00) less Disability payments
<i>Pre retirement death</i>	5	Surviving Spouse receives 60% of Benefit calculated as if participant retired early at first possible date and elected J&S Coverage
<i>Post retirement death</i>		Reduction in Benefit required for J&S Coverage is removed in event of spouse's death after commencement date of pension with waiting period
<i>Nonvested</i>		None

In early 1998, employees at Tipton were offered a voluntary limited program of severance. Any employee who applied for the limited program of severance who was eligible for a retirement benefit under the pension plan on the date of severance, was eligible for a monthly special pension benefit. The monthly special pension benefit was an amount equal to the accrued pension benefit the employee has earned under the pension plan provisions at the date of severance. The monthly special pension benefit is payable through the end of the month the employee becomes 62 years of age. The special pension benefit payable to an employee under this program is capped at one and one-half times (1-1/2) the severance benefit.

Employees who elected to participate in the voluntary limited program of severance and who were eligible to receive the special pension benefit shall be eligible to receive the special early retirement benefit upon attainment of age 62. The special early retirement benefit is payable from age 62 to age 65 under the provisions of the pension plan. At age 65, the pension benefit will be adjusted to normal rates.

As part of the auto glass divestiture, continuous service was frozen as of the sale date of 9/30/2008. Participants continue to earn eligibility service during continued employment with PGW. Special 30-year early retirement benefits are prorated between PPG and PGW.

² Also includes the Special 30-Year Benefit.

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name:</i>	Retirement Income Plan		
<i>Appendix name</i>	Glass Voluntary	<i>Appendix Effective</i>	01/01/1969
<i>Group number</i>	036		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees		
<i>Accrued benefit</i>	Contribution: \$20.00 x Continuous Service (Maximum 35 Years) Expense: \$20.00 x Continuous Service (Maximum 35 Years)		
<i>Status of the plan</i>	Spun off to PPG Auto Glass effective October 1, 2000		
<i>Significant events</i>	None		

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	65			Accrued Benefit but not less than \$150.00 per month payable immediately
<i>Early</i>	60	10		Accrued benefit reduced 7.2% for each year prior to 65.
		or		
	55		80	For retirements within 3 years of SSNRA, accrued benefit unreduced. For retirements more than 3 years prior to SSNRA, accrued benefit reduced 6.0% for each year prior to 3 years before SSNRA.
<i>Vesting</i>		5		Accrued Benefit deferred to 65 or reduced 7.2% for each year prior to 65 once eligible for early
<i>Disability</i>		10		Accrued Benefit immediately less Disability payments
<i>Pre retirement death</i>		5		Surviving spouse receives 50% of Benefit calculated as if the participant retired early at first possible date and elected J&S coverage
<i>Nonvested</i>				None
<i>Conversion to optional forms</i>	Joint & Survivor conversion tables were changed from the 90% to the 95% table for retirements on and after January 1, 1999.			

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name:</i>	Retirement Income Plan		
<i>Appendix name</i>	Baltimore	<i>Appendix Effective</i>	10/22/1954
<i>Group number</i>	056		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Continuous service</i>	From Date of Hire		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees Covered by Bargaining Agreement		
<i>Accrued benefit</i>	Contribution: \$12.50 x Continuous Service Expense: \$12.50 x Continuous Service		
<i>Status of the plan</i>	Closed to new entrants and no active employees remain.		
<i>Significant events</i>	None		

Benefit	Age	Continuous Service	Age + Service	Description
<i>Normal retirement</i>	65			Accrued Benefit payable immediately
<i>Early</i>	62	10		Accrued Benefit payable immediately
<i>Vesting</i>		5		Accrued Benefit deferred to 65 or reduced 7.2% for each year prior to 65 once eligible for early
<i>Disability</i>		10		Accrued Benefit payable immediately, plus, if not eligible for Social Security, a temporary supplement payable to 65 equal to \$6.25 x Continuous Service less Disability payments
<i>Pre retirement death</i>		5		Surviving spouse receives 50% of Benefit calculated as if the participant retired early at first possible date and elected J&S coverage
<i>Nonvested</i>				None

Schedule SB, Part V — Summary of Plan Provisions

<i>Plan name:</i>	Retirement Income Plan		
<i>Appendix name</i>	Lincoln	<i>Appendix Effective</i>	11/15/1958
<i>Group number</i>	071		
<i>Type of plan</i>	Dollar Per Month		
<i>Normal form</i>	Life Annuity		
<i>Continuous service</i>	From Date of Hire		
<i>Plan eligibility</i>	Date of Hire		
<i>Pension earnings</i>	N/A		
<i>Employee contributions</i>	None		
<i>Class</i>	Hourly Employees Covered by Bargaining Agreement		
<i>Accrued benefit</i>	Contribution: \$19.75 x Continuous Service Expense: \$19.75 x Continuous Service		
<i>Status of the plan</i>	Closed to new entrants and no active employees remain.		
<i>Significant events</i>	None		
Benefit	Age	Continuous Service	Age + Service Description
<i>Normal retirement</i>	65		Accrued Benefit payable immediately
<i>Early</i>	60	10	Accrued Benefit reduced 6.667% for each year prior to 62
<i>Special early</i>	55		85 Accrued Benefit reduced 6.667% for each year prior to 62 plus temporary supplement equal to \$300.00 payable to 62
<i>Vesting</i>		5	Accrued Benefit deferred to 65 or reduced 6.667% for each year prior to 65 once eligible for early
<i>Disability</i>		10	Accrued Benefit payable immediately, plus, if not eligible for Social Security, a temporary supplement payable to 65 equal to \$0.50 x Continuous Service less Disability payments
<i>Pre retirement death</i>		5	Surviving spouse receives 50% of Benefit calculated as if the participant retired early at first possible date and elected J&S coverage
<i>Nonvested</i>			None

Schedule SB, Part V — Summary of Plan Provisions**Hourly Pension Plans
Benefit Level Summary**

Number	Appendix Name	Date of Most Recent Contract	Benefit Level on 1/1/2010	Benefit Level in Year of Contract*		
				1	2	3
031	Cleveland	01/01/2008	49.00	49.00	49.00	49.00
032	Shelby/Lexington/Chester	02/01/2006	36.00	36.00	36.00	36.00
036	Glass Voluntary	09/01/1999	20.00	20.00	20.00	20.00
056	Baltimore	05/06/1988	12.50	12.00	12.50	12.50
071	Lincoln	08/03/1989	19.75	17.75	18.75	19.75

Benefit Level Depends on Service**Same Benefit Level for Following Two Appendices**

033	Crestline	03/01/2005	28.00	28.00	28.00	28.00
			31.00	31.00	31.00	31.00
034	Tipton	03/01/2005	28.00	28.00	28.00	28.00
			31.00	31.00	31.00	31.00

Funding target liability for all plans has been determined recognizing the highest benefit levels in effect as of January 1, 2010.

Schedule SB, Part V — Summary of Plan Provisions**Early Retirement Reduction Percentages****Retirement Income Plan - Appendix 039**

Years Prior to SSNRA When Pension Commences	Percentage for Retirement Without 80 Points	Percentage for Retirements With 80 Points Applied To Basic Benefit	Percentage for Retirements With 80 Points Applied To Excess Benefit
10	44.2%	58.0%	50.0%
9	47.5	64.0	53.3
8	51.2	70.0	56.7
7	55.3	76.0	60.0
6	59.8	82.0	63.3
5	64.8	88.0	66.7
4	70.4	94.0	73.3
3	76.6	100.0	80.0
2	83.5	100.0	86.7
1	91.2	100.0	93.3
0	100.0	100.0	100.0

To Be Used on Frozen Accrued Benefit

Age When Pension Commences	Percentage for Retirement Without 80 Points	Percentage for Retirements With 80 Points
55	44.2%	58.0%
56	47.5	64.0
57	51.2	70.0
58	55.3	76.0
59	59.8	82.0
60	64.8	88.0
61	70.4	94.0
62	76.6	100.0
63	83.5	100.0
64	91.2	100.0
65 and over	100.0	100.0

Schedule SB, Part V — Summary of Plan Provisions**Early Retirement Reduction Percentages (continued)****Crestline and Tipton**

Age When Pension Commences	Percentage
55	57.9%
56	63.5
57	69.4
58	75.2
59	80.8
60	86.7
61	93.3
62 and over	100.0

Plan provision changes since prior valuation

Maximum compensation and maximum benefits were updated from 2009 to 2010.

SCHEDULE H

**EIN 25-0730780
PLAN #039**

**PPG INDUSTRIES, INC.
RETIREMENT INCOME PLAN
SCHEDULE OF ASSETS HELD AT END OF YEAR
SCHEDULE H, Line 4i
As of December 31, 2010**

<u>Identity of Issuer</u>	<u>Description of Investment</u>	<u>Cost</u>	<u>Current Value</u>
* PPG Industries, Inc.	PPG Pension Master Trust Unit	<u>2,092,495,802</u>	<u>2,290,431,000</u>
		<u>2,092,495,802</u>	<u>2,290,431,000</u>

* Party in Interest

Schedule SB, Line 26 — Schedule of Active Participant Data

Attained age	Under 5	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Up	Total
20 - 24	13	6								19
25 - 29	44	121	5							170
30 - 34	45	235	156	8						444
35 - 39	48	288	355	110	6					807
40 - 44	38	265	374	187	203	19				1,086
45 - 49	26	259	379	176	400	343	55		1	1,639
50 - 54	27	186	360	118	290	430	731	89	1	2,232
55 - 59	7	123	197	73	179	186	497	529	32	1,823
60 - 64	6	58	113	14	49	55	83	135	88	601
65 - 69	2	9	16	4	2	7	4	5	11	60
70 - 74	1	1	5			2	1		3	13
75+	1		1							2
Total	258	1,551	1,961	690	1,129	1,042	1,371	758	136	8,896

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

Discount rate sponsor elections	Funding
▪ Segment rates or full yield curve	Segment
▪ Look-back months	4
▪ 1st 5 years	5.03%
▪ Next 15 years	6.73%
▪ Over 20 years	6.82%
Mortality sponsor elections	
▪ Healthy participants	Section 430(h)(3) prescribed separate static annuitant and nonannuitant mortality tables. These tables are based on the RP-2000 mortality tables projected with mortality improvement to the valuation year plus 7 and 15 years based on Scale AA.
▪ Pre-1995 disabilities	Revenue Ruling 96-7 table for participants who became disabled before 1995
▪ Post-1994 disabilities	Revenue Ruling 96-7 table for participants who became disabled after 1994 and are eligible for Social Security disability benefits
417(e) lump sums	Not applicable
Other economic assumptions	
▪ Salary increases	4.25% on average. See actual rates set forth in Exhibit A. In accordance with the terms of the divestiture of the auto glass business, affected salaried employees with 80 points at date of sale receive salary increases of 1.50% per year during continued employment with PGW.
▪ Flat-dollar benefit increases	None assumed.
▪ Social Security wage base	3.75% per year
▪ Inflation	3.00% per year
▪ Expected investment return	8.50% per year
▪ Expenses	\$10,622,000 added to current year normal cost.

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

Withdrawal	Rates set forth in Exhibit B.
Disability incidence	Rates set forth in Exhibit B. 100% of participants becoming disabled are assumed to be eligible for Social Security disability benefits.
Retirement age (active only)	See rates set forth in Exhibit C and the corresponding note.

Benefit commencement age for

▪ Future vested deferred	65
▪ Current vested deferred	65

Spouse assumptions**Male participants****Female participants**

▪ Percentage married	80%	65%
▪ Spouse age difference	3 years younger	3 years older

Form of payment**Single life****Qualified J&S**

▪ Active retirements	100%	0%
▪ Future vested deferred	100%	0%
▪ Future disabilities	100%	0%
▪ Future deaths	0%	100%
▪ Current vested deferred	100%	0%

Unpredictable contingent event assumptions

Not applicable

At-risk assumptions

▪ Special retirement rates	Not applicable
▪ Most valuable form of payment	Not applicable

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**Table of sample rates****Exhibit A: Salary Scale**

Age	Increase In the Year	Ratio of Final Salary at Age 65 to Current Salary
20	8.30%	8.28
25	7.30	5.60
30	6.00	4.04
35	5.30	3.07
40	4.70	2.39
45	4.10	1.93
50	3.60	1.59
55	3.20	1.35
60	3.00	1.16

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**Exhibit B: Termination and Disability Assumptions**

Age	Annual Rate per 1,000 Participants							
	Termination				Disability			
	Retirement Income Plan		Other Retirement Income Plan		Retirement Income Plan		Other Retirement Income Plan	
	(as of 12/31/93) ¹		Appendices ²		(as of 12/31/93)		Appendices	
	Male	Female	Male	Female	Male	Female	Male	Female
20	118.0	118.0	258	258	.50	.45	.70	.70
25	112.0	112.0	170	170	.56	.56	.90	.90
30	85.8	85.8	94	94	.71	.85	1.10	1.10
35	56.0	56.0	67	67	.99	1.75	1.40	1.40
40	41.8	41.8	50	50	1.62	3.15	1.90	1.90
45	37.2	37.2	38	38	2.70	4.65	3.00	3.00
50	29.4	29.4	27	27	4.93	6.26	5.10	5.10
55	10.0	10.0	16	16	9.14	8.05	9.60	9.60
60	0.0	0.0	0	0	14.70	11.25	16.60	16.60
65	0.0	0.0	0	0	0.00	0.00	0.00	0.00

¹ Select rates of termination are used during the first five years of employment as shown below (Note: these select rates are doubled for acquired actives after an acquisition date):

Year of Employment	Annual Rate of Termination
1	150
2	150
3	150
4	150
5	150

² Select rates of termination are used during the first three years of employment as shown below:

Year of Employment	Annual Rate of Termination
1	300
2	300
3	300

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods**Exhibit C: Retirement Assumptions**

Annual Rate per 1,000 Participants			
Age	Salaried Employees	Hourly Employees	Hourly with Special Early
55 ³	25	10	10
56	25	10	10
57	25	10	10
58	50	10	50
59	50	10	50
60	50	25	50
61	100	25	50
62	150	150	300
63	300	150	300
64	400	200	300
65	950	1,000	1,000
66	600	1,000	1,000
67	700	1,000	1,000
68	800	1,000	1,000
69	900	1,000	1,000
70	1,000	1,000	1,000
Average Retirement Age	62.4	63.6	62.8

The above rates are reduced by 50% for retirements between 2009 and 2014.

³ Salaried rates start 10 years before Social Security normal retirement age. Salaried rates shown above are for Social Security retirement age 65.

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

Actuarial methods

Asset methods

The asset valuation method is an average of the adjusted market value for the prior and current valuation dates. The adjusted market value is the market value at each determination date adjusted to the valuation date based on actual cash flows and expected interest at the lesser of the expected rate of return and the third segment rate. This amount is adjusted to be no greater than 110 percent and no less than 90 percent of the fair market value, as defined in IRC Section 430.

A characteristic of this asset method is that, over time, it is slightly more likely to produce an actuarial value of assets that is less than the market value of assets than an actuarial value that is greater than the market value.

Participant methods

Participants or former participants are included or excluded from the valuation as described below:

- **Participants included:** The plan sponsor provides us with data on all employees as of the valuation date, but only those employees who have completed the plans eligibility requirements are included in the valuation of liabilities.
- **Participants excluded:** No actuarial liability is included for nonvested participants who terminated prior to the valuation date. For this purpose, participants with a break in service on the valuation date are treated as terminated participants.
- **Insurance contracts:** The plan does not have any insurance contracts.
- **Estimated benefits:** We estimated benefit amounts if they were not provided to us.

Minimum funding methods

The funding target for minimum funding calculations is computed using the traditional unit credit method of funding. The objective under this method is to fund each participant's benefits under the plan as they accrue. Thus, the total pension to which each participant is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service.

A detailed description of the calculation follows:

- The plan's valuation date is the beginning of the plan year.
- An individual's **funding target** is the present value of future benefits based on credited service and average pay as of the beginning of the plan year, and an individual's **target normal cost** is the present value of the benefit expected to accrue in the plan year. If multiple decrements are used, the funding target and the target normal cost for an individual is the sum of the component funding targets and target normal costs associated with the various anticipated separation dates.

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

- This plan provides benefits that are not a function of a participant's accrued benefit or years of service. This benefit is allocated to funding target based on the ratio of the participant's service at the beginning of the plan year to their service at each decrement age and is allocated to target normal cost based on the proportionate benefit attributable to the increase in the participant's service and compensation during the plan year.
- This plan provides disability benefits that are only partially based on a participant's accrued benefit or years of service. This benefit is allocated to funding target based on the accrued benefit on the valuation date plus a portion of the excess of the benefit over the accrued benefit multiplied by the ratio of the participant's service at the beginning of the plan year to their service at each decrement age. This benefit is allocated to target normal cost based on the proportionate benefit attributable to the increase in the participant's service and compensation during the plan year.
- The plan's **target normal cost** is the sum of the individual target normal costs, and the plan's **funding target** is the sum of the individual funding targets for all participants under the plan.

Maximum deductible contribution method

Calculations of maximum deductible contributions include the excess of the funding target computed using the projected unit credit method over the minimum funding target. The objective of the projected unit credit method is to fund each participant's benefits under the plan as they accrue, taking into consideration expected future compensation increases. Thus, the total pension to which each participant is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service.

A detailed description of the calculation follows:

- An individual's **projected funding target** is the present value of benefits based on credited service as of the beginning of the plan year and projected compensation that would be used in the calculation of the benefit on each expected separation date. If multiple decrements are used, the projected funding target for an individual is the sum of the component projected funding targets associated with the various anticipated separation dates.
- The plan's **projected funding target** is the sum of the projected funding targets for all participants under the plan. The excess of the plan's projected funding target over the plan's funding target is included in the "cushion amount."

Schedule SB, Line 25 — Change in Method

As required by the final Section 430 regulations, we changed the allocation of disability benefit costs to funding target and target normal cost to the accrued benefit on the valuation date plus a portion of the excess of the benefit over the accrued benefit. In addition, we changed the allocation of benefit costs for funding target and target normal cost to the ratio of the participant's service to their service at each decrement age for benefits that are not a function of a participant's accrued benefit or years of service.

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

The weighted average retirement assumption shown on line 22 of the Schedule SB is for Social Security Normal Retirement Age 65.

Each employee is assumed to retire in accordance with the table of retirement rates. The proportion of employees expected to retire at each potential retirement age is shown below. The average retirement age is 64.

For SSNRA = 67
Weighted Average Retirement Age: 64

(A)	(B)	(C)	(D)
Retirement Age	Percentage expected to retire	Number of employees expected to retire, per 10,000 retirements	(A) x (C)
55	0%	0	0
56	0%	0	0
57	2.5%	250	14,250
58	2.5%	244	14,138
59	2.5%	238	14,022
60	5.0%	463	27,806
61	5.0%	440	26,856
62	5.0%	418	25,931
63	10.0%	795	50,064
64	15.0%	1,073	68,659
65	30.0%	1,824	118,544
66	40.0%	1,702	112,344
67	95.0%	2,426	162,515
68	60.0%	77	5,209
69	70.0%	36	2,466
70	80.0%	12	858
71	90.0%	3	196
72	100.0%	0	22
Total		10,000	643,879
Average			64.39

Schedule SB, Line 22 — Description of Weighted Average Retirement Age**For SSNRA = 66****Weighted Average Retirement Age: 63**

(A)	(B)	(C)	(D)
Age	Percentage expected to retire	Number of employees expected to retire, per 10,000 retirements	(A) x (C)
55	0%	0	0
56	2.5%	250	14,000
57	2.5%	244	13,894
58	2.5%	238	13,784
59	5.0%	463	27,342
60	5.0%	440	26,415
61	5.0%	418	25,513
62	10.0%	795	49,269
63	15.0%	1,073	67,586
64	30.0%	1,824	116,721
65	40.0%	1,702	110,641
66	95.0%	2,426	160,090
67	60.0%	77	5,132
68	70.0%	36	2,431
69	80.0%	12	846
70	90.0%	3	193
71	100.0%	0	22
Total		10,000	633,879
Average			63.39

Schedule SB, Line 22 — Description of Weighted Average Retirement Age**For SSNRA = 65****Weighted Average Retirement Age: 62**

(A)	(B)	(C)	(D)
Retirement Age	Percentage expected to retire	Number of employees expected to retire, per 10,000 retirements	(A) x (C)
54	0.0%	0	0
55	2.5%	250	13,750
56	2.5%	244	13,650
57	2.5%	238	13,546
58	5.0%	463	26,879
59	5.0%	440	25,975
60	5.0%	418	25,095
61	10.0%	795	48,475
62	15.0%	1,073	66,514
63	30.0%	1,824	114,897
64	40.0%	1,702	108,939
65	95.0%	2,426	157,664
66	60.0%	77	5,055
67	70.0%	36	2,395
68	80.0%	12	833
69	90.0%	3	190
70	100.0%	0	21
Total		10,000	623,879
Average			62.39

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

For Cleveland, Shelby, Lexington, Chester, Crestline, Tipton
Weighted Average Retirement Age: 64

(A)	(B)	(C)	(D)
Retirement Age	Percentage expected to retire	Number of employees expected to retire, per 10,000 retirements	(A) x (C)
54	0.0%	0	0
55	1.0%	100	5,500
56	1.0%	99	5,544
57	1.0%	98	5,587
58	1.0%	97	5,628
59	1.0%	96	5,668
60	2.5%	238	14,265
61	2.5%	232	14,140
62	15.0%	1,356	84,075
63	15.0%	1,153	72,617
64	20.0%	1,306	83,605
65	100.0%	5,225	339,646
66		0	0
Total		10,000	636,274
Average			63.63

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

**Retirement age assumption for those eligible for the special early
retirement provisions**

Weighted Average Retirement Age: 63

(A)	(B)	(C)	(D)
Retirement Age	Percentage expected to retire	Number of employees expected to retire, per 10,000 retirements	(A) x (C)
57	0.0%	0	0
58	5.0%	500	29,000
59	5.0%	475	28,025
60	5.0%	451	27,075
61	5.0%	429	26,150
62	30.0%	2,444	151,498
63	30.0%	1,710	107,759
64	30.0%	1,197	76,629
65	100.0%	2,794	181,594
66		0	0
Total		10,000	627,730
Average			62.77

SCHEDULE SB (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>	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 2010 This Form is Open to Public Inspection
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For calendar plan year 2010 or fiscal plan year beginning 01/01/2010 and ending 12/31/2010

▶ **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 Retirement Income Plan	B Three-digit plan number (PN) ▶	039
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF PPG Industries, Inc.	D Employer Identification Number (EIN) 25-0730780	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		
F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500		

Part I Basic Information			
1 Enter the valuation date: Month <u>1</u> Day <u>1</u> Year <u>2010</u>			
2 Assets:			
a Market value	2a	2,034,525,927	
b Actuarial value	2b	1,959,372,009	
3 Funding target/participant count breakdown		(1) Number of participants	(2) Funding Target
a For retired participants and beneficiaries receiving payment	3a	17,780	1,281,291,062
b For terminated vested participants	3b	11,125	218,107,406
c For active participants:			
(1) Non-vested benefits	3c(1)		34,427,528
(2) Vested benefits	3c(2)		492,852,682
(3) Total active	3c(3)	8,896	527,280,210
d Total	3d	37,801	2,026,678,678
4 If the plan is at-risk, check the box and complete items (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 at-risk for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	6.65 %	
6 Target normal cost	6	39,461,284	

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	<u>9/22/2011</u> Date
<u>Arthur L. Noonan</u> Type or print name of actuary		<u>11-04301</u> Most recent enrollment number
<u>Mercer</u> Firm name		<u>(412) 355-8800</u> Telephone number (including area code)
<u>Six PPG Place, Suite 400</u> Address of the firm		
<u>Pittsburgh</u> Address of the firm		
<u>PA 15222-5499</u> 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 ☐

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2010
v.092308.1

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 (Item 13 from prior year)	483,479,543	0
8	Portion used to offset prior year's funding requirement (Item 35 from prior year)	28,249,710	0
9	Amount remaining (Item 7 minus item 8)	455,229,833	0
10	Interest on item 9 using prior year's actual return of <u>16.06</u> %	73,109,911	
11	Prior year's excess contributions to be added to prefunding balance:		
a	Excess contributions (Item 38 from prior year)		169,149,595
b	Interest on (a) using prior year's effective rate of <u>8.19</u> %		16,076,604
c	Total available at beginning of current plan year to add to prefunding balance		185,226,199
d	Portion of (c) to be added to prefunding balance		0
12	Reduction in balances due to elections or deemed elections	190,310,678	0
13	Balance at beginning of current year (item 9 + item 10 + item 11d - item 12)	338,029,066	0

Part III Funding percentages			
14	Funding target attainment percentage	14	80.00 %
15	Adjusted funding target attainment percentage	15	96.67 %
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	111.52 %
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
12/30/2010	85,000,000				
Totals ▶			18(b)	85,000,000	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 contribution 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 79,728,075
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No	
b If 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No	
c If 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
0	0
(3) 3rd	(4) 4th
0	0

Part V Assumptions used to determine funding target and target normal cost

21 Discount rate:				
a Segment rates:	1st segment: 5.03 %	2nd segment: 6.73 %	3rd segment: 6.82 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 62
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 eligible for (and is using) 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 contribution for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (item 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (item 28 minus item 29)	30	0

Part VIII Minimum required contribution for current year

31 Target normal cost, adjusted, if applicable (see instructions)	31	39,461,284
32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
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 (item 31 + item 32a + item 32b - item 33)	34	39,461,284
	Carryover balance	Prefunding balance
35 Balances used to offset funding requirement	27,071,279	0
36 Additional cash requirement (item 34 minus item 35)	36	12,390,005
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (item 19c)	37	79,728,075
38 Interest-adjusted excess contributions for current year (see instructions)	38	67,338,070
39 Unpaid minimum required contribution for current year (excess, if any, of item 36 over item 37)	39	0
40 Unpaid minimum required contribution for all years	40	0