

CONTROL LAB. DEVELOPMENT				DATE	REV. NO.	CARD NO.
NAME S W P Westchester Gray						19
POUNDS	GALLONS	NEW MAT'L	OLD MAT'L	CUSTOMER Sherwin-Williams Co. <i>cr</i>		
175	7.8	6223	2304	MFG. INSTR.		
165	3.4	6840	412			
165	3.5	6822	1124			
54	1.5	6630	2174			
1	.1	7055	2070			
14	2	BI 72	BI 72			
?	BB 10, BL 44, BO 20, BY 40					
232	30	(1521)	(2)	WT./GAL. T 11.69 VISC. 28- 75°F		
13	1 3/4	(902)	(4230)	GRIND LH VISC. on #1		
66	10	(151)	(5027)	OUTPUT 100 BLEED		
				WET LOSS 2% DEPT. PKG.		
				STOR. LOSS MILL 10h - Balling		
140	18	(2541)	(2541)	SOLIDS RATE (H2O) LABEL ANALYSIS H		
62	3	(1521)	(2)	PARALLELS None FLUX 1200°F LABEL NO REDD; REDD		
11	1 1/2	(841)	(2235)	ROYALTY: NO □, X □, W □		
7	1	(948)	(543)	REASON FOR REVISION To show use of		
7	1	(1083)	(1767)	BI 72 Bentone Base for viscosity		
84	12 3/4	(151)	(5027)	stability per O. R. J.'s Letter		
				of 1-26-54.		
FORMULA <i>W. Thompson</i>				SUB <i>876</i>		

0007-SWP-062233

TO MATCH: Neutral Oil Standard #89		REX. NO. 177	Handwritten: 3-4-54
APPLICATION: SURFACE Wood Ext.		CARD NO. 19	Handwritten: 3-4-54
NO. COATS 013		DATE 2-22-54	Handwritten: Quality Control
UNDERCOATER USED Rx 150		Paint Test	NO. AMOUNT
METHOD 1. BRUSH		Paint	
REDUCTION: AMOUNT	REDUCER USED	Paint	
METHOD 2		Paint	
REDUCTION: AMOUNT	REDUCER USED	Paint	
DRYING TIME: TOUCH 8-12 hrs	COAT 2-1 day	STENCIL	
HARD	SAND	HANDLE	
TACK FREE	RUB	WRAP	
BAKING TIME AND TEMP.			
GLOSS 0-1	FILM		
SPECIAL TESTS			
		EXEC. COST DEPT.	
		CLEVELAND A	Handwritten: 3-4-54
		KENSINGTON C	Handwritten: 3-4-54
		PAINT RESEARCH	
		KENS. TECH. SERV.	
		KENS. LACQUER	
		NEWARK N	Handwritten: 3-4-54
		OAKLAND O	
		H. SENCOUR M	Handwritten: 3-4-54
		DETROIT D	
		LOS ANGELES F	
		DALLAS T	
		DAYTON L	
		GIBBSBORO F	
		EXEC. MFG.	
		CUBA	
		MONTREAL G	
		BUENOS AIRES Z	
		BRAZIL C	
		RES ADH	
		MEXICO	

Handwritten: 3-4-54

0007-SWP-062234

FORMULA RECORD

CONTROL LAB. Cleveland T. S.

DATE 12-8-53

REX. NO. 477

NAME S W P Westchester Gray

CARD NO. 78

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L
175	7.8	6223	2304
165	3.4	6840	112
165	3.5	6822	1124
54	1.5	6630	2174
4	.3	6244	6244
2(10)	1.2	BB 10	BB 10
2	BL 44	BO 20	BY 40
232	30	(1521)	(2)
13	1 3/4	(902)	(1230)
66	10	(151)	(5027)
140	18	(2544)	(2544)
62	8	(1521)	(2)
11	1 1/2	(841)	(2235)
7	1	(948)	(543)
7	1	(1083)	(1767)
89	13 1/2	(151)	(5027)

CUSTOMER S W Co.

MFG. INSTR.

WT./GAL. T 11.7

GRIND 4H

OUTPUT 100

MFG. LOSS 2%

STOR. LOSS

SOLIDS

PARALLELS

No Parallel

REASON FOR REVISION To reduce flow & flashing per Otto Jagd letter of 10-7-53

FORMULATOR

VISC. 28- 2 sec. 11.7

VISC. On #3 Cup

BLEED

DEPT.

HILL 10 hrs. Balling

DATE

FLASH PT. 100

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

SUPT.

0007-SWP-062235

FORMULA RECORD

AI35

CONTROL LAB Gibbsboro

DATE 12-8-53

REQ. NO. 477

NAME SWP Westchester Gray

CARD NO. 17 ALC. F-2

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L	CUSTOMER
150	6.73	62 F 2	62 F 2	S. W. Co.
155	3.4	6840	412	MFG. INSTR.
155	3.5	6822	1424	*Hold out 2 gallons (145)
54	1.54	6630	2174	per 100 gallons.
1 1/2	.1	7055	2070	
?		BB 10	BB 10	
?		BO 30	BO 30	WT./GAL T 11.53
?		BO 31	BO 31	VISC 28-32" @ 75 deg.F
4	1/2	(1960)	(5094)	GRIND 3H
13	1 3/4	(902)	(4230)	VISC #3 cup
101	13	(25 A 4)	(25 A 4)	OUTPUT 100
55	7	(1521)	(2)	BLEED
40	6	(115)	(348)	MFG. LOSS 2%
101	13	(25 A 4)	(25 A 4)	DEPT. PKG.
195	25 1/4	(1521)	(2)	WHY Roller LINING
7	1	(948)	(543)	SOLIDS
7	1	(1954)	(5026)	RATE/HR. LABEL ANALYSIS
27	4	(155)	(141)	PARALLELS
* 90	13 3/4	(115)	(348)	FLASH FT. LABELING RECD. REDD
				ROYALTY: YES ☐ NO ☐ X ☐ W ☐
				REASON FOR REVISION
				To increase viscosity by using
				62 F 2 in place of 312.
				0 2 Code

0007-SWP-062237

TO MATCH N. O. Std. #89REX. NO. 477CARD NO. 17 Alt. F-2APPLICATION: SURFACE Exterior WoodDATE 12-8-53

NO. COATS

UNDERCOATER USED Rex 450METHOD 1 Brush

REDUCTION: AMOUNT REDUCER USED

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 8-10 hrs COAT 2-4 days FULL

HARD SAND HANDLE

TACK FREE RUB WRAP

TAKING TIME AND TEMP

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS

DATE

SLIP NO.

AMOUNT

FACTORY

FORMULA

SPEC. CARD

EXEC. COST DEPT.

CLEVELAND A

KENSINGTON C

PAINT RESEARCH

KENS. TECH. SERV.

KENS. LACQUER

NEWARK N

OAKLAND O

H. SENOUR M

DETROIT D

LOS ANGELES P

DALLAS T

DAYTON I

GIBBSBORO F

EXEC. MFG.

CUBA H

MONTREAL G

BUENOS AIRES Z

BRAZIL S

REG. ADM.

0007-SWP-062238

FORMULA RECORD			6
CONTROL LAB Cleveland T. S.		DATE 3-25-53	REV. NO. 177
NAME S W P Westchester Gray		CARD NO. 17	
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin-Williams Co.
150	6.3	312	MFG. INSTR.
165	3.4	412 or 413	
165	3.5	1424	
54	1.5	2174	
1 1/2	.1	2070	
?		BB 10	
?		BO 30	WT./GAL T 11.57
?		BO 31	GRIND 3H
4	1/2	(5094)	OUTPUT 100
13	1 3/4	(4230)	MFG. LOSS 2%
155	20	(2)	STOP LOSS
59	9	(348)	SOLIDS
			PARALLELS
202	26	(2544)	No Parallel
95	12 1/4	(2)	REASON FOR REVISION
7	1	(543)	(348) with (5026).
27	4	(141)	
7	1	(5026)	
75	11 1/2	(348)	FORMULATOR
			SUPT.

VISC. ON 28-32 25 Reg. F
 BLEED
 DEPT. PKG.
 MILL Ball-12hrs
 RATE/HR. LABEL ANALYSIS G
 WASH PT. LABEL NO. RED. RED. ☐
 ROYALTY: YES ☐ NO ☐ W ☐
 REPLACING one gallon

TO MATCH Neutral Oil Std. #89

APPLICATION: SURFACE Ext. Wood

NO. COATS one

UNDERCOATER USED Ex 1450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-10 hr RECOAT 2-4 days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

REX. NO. 477

CARD NO. 17

DATE 3-25-53

DATE _____

SLIP NO. _____

AMOUNT _____

Quality Control 3-27-53

Uniform

150

150

FACTORY _____ FORMULA _____ SPEC. CARD _____

EXEC. COST DEPT. _____

CLEVELAND A _____

KENSINGTON C _____

PAINT RESEARCH _____

KENS. TECH. SERV. _____

KENS. LACQUER _____

NEWARK N _____

OAKLAND O _____

M. SENOUR H _____

DETROIT D _____

LOS ANGELES P _____

DALLAS T _____

DAYTON I _____

GIBBSBORO F _____

EXEC. MFG. _____

CUBA H _____

MONTREAL G _____

BUENOS AIRES Z _____

BRAZIL S _____

RES ADM _____

MEXICO _____

Photo 10-53 Phil 8-5-53

FORMULA RECORD

AISS

CONTROL LAB Oakland #18

DATE 10-23-53

REX NO. 477

NAME S.W.P. Westchester Gray

CARD NO. 17 Alt Y-1

EC UNDS	GALLONS	NEW MAT'L	OLD MAT'L	CUSTOMER	S. W. Co.
150	6.3	6232	312	MFG. INSTR.	
165	3.4	6840 or	412 or		
		6842	413		
165	3.5	6822	1424		
54	1.5	6630	2174		
1-1/2	.1	7055	2070		
4	1/2	(1960)	(5094)	WT./GAL 11.57	VISC 28-32" at 75°F
13	1-3/4	(902)	(4230)	GRIND 3H	VISC #3 S.W.
155	20	(1521)	(2)	OUTPUT 100	BLEED
59	9	(145)	(348)	MFG. LOSS 2%	DEPT. PKG
				STOR. LOSS	MILL Ball 12 HAVING
163	20-1/2	(25-C-5)	(25-C-5)	SOLIDS	RATE/HR. LABEL ANALYSIS
95	12-1/4	(1521)	(2)	PARALLELS	FLASH PT. LABEL NO REDEH. REDEH
7	1	(948)	(543)		ROYALTY: YES ☐ NO ☐ X ☐ W ☐
7	1	(1954)	(5026)	REASON FOR REVISION	To use 100% (25-C-5)
142	21-1/2	(145)	(348)		to replace 30% (25-A-4) and
					reduce flow.
?		BD-10, BO-10, BO-31		FORMULATOR	SUPT

0007-SWP-062241

H.O. #59		REL NO. 477
APPLICATION: SURFACE Ext. Wood		CARD NO. 17 Alt Y-1
NO. COATS One		DATE 10-23-53
UNDERCOATER USED 450		DATE
METHOD 1 Brush		SLIP NO. #
REDUCTION: AMOUNT	REDUCER USED	AMOUNT
METHOD 2		
REDUCTION: AMOUNT	REDUCER USED	
DRYING TIME: TOUCH 8-10 HRCOAT 24 days	STENCIL	FACTORY
HARD SAND HANDLE		EXEC. COST DEPT.
TACK FREE RUB WRAP		CLEVELAND A
BAKING TIME AND TEMP.		KENSINGTON C
GLOSS Oil FILM Med. hard & elast.		PAINT RESEARCH
SPECIAL TESTS		KENS. TECH. SERV.
		KENS. LACQUER
		NEWARK N
		OAKLAND O
		M. SENOUR M
		DETROIT D
		LOS ANGELES P
		DALLAS T
		DAYTON I
		GIBBSBORO F
		EXEC. MFG.
		CUBA H
		MONTREAL G
		BUENOS AIRES Z
		BRAZIL S
		RES ADM.
		MEXICO

0007-SWP-062242

FORMULA RECORD 6			CONTROL LAB	
Cleveland T. S.			DATE	3-6-53
NAME S W P Westchester Gray			REX. NO.	477
			CARD NO.	16
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sharwin-Williams Co.	
150	6.3	312 or 6230	TO MATCH Neutral Oil Standard #89	
165	3.4	412 or 413		
165	3.5	1124	REASON FOR REVISION Increasing grind to	
54	1.5	2174	3H and eliminating use of (4066).	
1 1/2	.1	2070		
?	BB 10.	BO 30, BO 31		
4	1/2	(5094)	VISCOSITY 28-32" @ 75 F. AT 1 HRS. AFTER GRIND	
13	1 3/4	(4230)	VISCOSITY on #3 cup AT 75 F. AT 1 HRS. AFTER GRIND	
155	20	(2)	% SOLIDS (RUN) ROYALTY: YES ☐ NO ☒ X	
59	9	(348)	WT. GAL T 11.56 LABEL ANALYSIS CHECKED ☒	
202	26	(25 Al)	E. VINE LABEL NO. RED CARED ☐	
95	12 1/4	(2)	ST. C. FINES 3H NEW STD. SAMPLE REQUIRED	
7	1	(513)	NORMAL OUTPUT 100% RATE DEC'D	
27	4	(111)	EST. MFG. LOSS 2% MIN. 1 gal - 12 hrs BLEED?	
81	12 1/2	(348)	DEPARTMENT LBS. OR GALS. PER HOUR	
			PACKAGE APPROVED <i>B. Thompson</i>	
			PARALLEL NO.'S FORMULATOR	
			No Parallel	
			SUPER <i>176</i>	

0007-SWP-062243

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Ext. WoodNO. COATS ODSUNDERCOATER USED Rx 150METHOD 1 Brush

REDUCTION: AMOUNT

REDUCER USED

METHOD 2

REDUCTION: AMOUNT

REDUCER USED

DRYING TIME: TOUCH 3-10 hrs COAT 2-4 days STENCIL

HARD

SAND

HANDLE

TACK FREE

RUB

WRAP

BAKING TIME AND TEMP.

GLOSS OilFILM Med. Hard & Elastic

SPECIAL TESTS

DATE	SLIP NO.	AMOUNT
<u>3-11-53</u>	<u>477</u>	<u>3-11-53</u>
<u>Hurdle</u>	<u>100</u>	<u>100</u>
<u>Quality</u>	<u>100</u>	<u>100</u>
<u>Paint</u>	<u>100</u>	<u>100</u>
<u>Brush</u>	<u>100</u>	<u>100</u>
<u>Reducer</u>	<u>100</u>	<u>100</u>
<u>Factory</u>	<u>100</u>	<u>100</u>
EXEC. COST DEPT.	FORMULA	SPEC. CARD
CLEVELAND A	"	"
KENSINGTON C	"	<u>3-11-53</u>
ALLIED RESEARCH	"	"
KENS. TECH. SERV.	"	"
KENS. LACQUER	"	"
NEWARK N	"	<u>3-11-53</u>
OAKLAND C	"	"
M. SENOUR M	"	<u>3-11-53</u>
DETROIT D	"	"
LOS ANGELES P	"	"
DALLAS T	"	"
DAYTON L	"	"
CINCINNATI F	"	"
EXEC. MFG.	"	"
CUBA H	"	"
MONTREAL G	"	"
BUENOS AIRES	"	"
BRAZIL S	"	"
RES ADM.	"	"
MEXICO	"	"

0007-SWP-062244

FORMULA RECORD 6

CONTROL LAB Cleveland T.S.
NAME S W P Westchester Gray

DATE 9-2-52

REV. NO. 477

CARD NO. 15 Alt.A

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
150	6.3	6230 or 312	Sherwin-Williams Co.
165	3.4	412 or 413	TO MATCH Neutral Oil Standard #89
165	3.5	1424	REASON FOR REVISION Retarding flow
54	1.5	2174 or 1004	by using (348) in place of (5027)
1 1/2	.1	2070 *	And set up for Ball Mill.
?	BB 10.	BO 30, BO 31	
4	1/2	(5094)	VISCOSITY 28-12H 675° E AT
9	1 3/4	(4230)	VISCOSITY on 1/2 AUD AT
155	20	(2)	% SOLIDS (RUN) YES ☒ ; NO ☐ ; XL ☐
60	9	(348)	WT./GAL. 11.57 LABEL ANALYST CHECKED
202	26	(2544)	VOLUME LABEL NO. REDIS; REL
95	12 1/4	(2)	STD. BEFINENESS 2H NEW STD. SAMPLE REQUIRED
5	1	(543)	NORMAL OUTPUT 100 DATE REC'D
27	4	(141)	EST. MFG. LOSS 2% Ball-12hrs BLEED?
86	12 1/2	(348)	DEPARTMENT LBS. OF GALS. PER HOUR
			PACKAGE APPROVED
			PARALLEL NO.'S FORMULATOR
			No Parallel
			SUPT. S.F.L.

* Grind in 1st mix

0007-SWP-062245

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Ext. Wood

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-10hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard Elastic

SPECIAL TESTS _____

Rex 477 Alt.A

SLIP NO.	AMOUNT
<u>10-14-52</u>	<u>11</u>
<u>10-14-52</u>	<u>11</u>
<u>10-14-52</u>	<u>11</u>
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0007-SWP-062246

CONTROL LAB			FORMULA RECORD 6	
Cleveland T. S.			DATE	5-8-52
NAME S W P Westchester Gray			REX NO.	477
			CARD NO.	15
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin-Williams Co. <i>CR</i>	
150	6.3	20 or 312	TO MATCH Neutral Oil Standard #89	
165	3.4	412 or 413	REASON FOR REVISION Replacing (25C5)	
165	3.4	68C2 or 1424	with (25A4) @80% NVM for	
		6828	easier handling.	
54	1.5	2174 or 1004		
3	.2	2070 *		
?	BB 10	BO 30, BO 31	VISCOSITY 28-32" @75°F AT _____ HRS. AFTER GRIND	
4	1/2	(5094)	VISCOSITY #3 CUP AT _____ HRS. AFTER GRIND	
9	1 1/4	(4230)	% SOLIDS (RUN) _____	
101	13	(25 A4)	WT./GAL 11.58	
54	7	(2)	BAUME _____	
40	6	(5027)	STD. OF FINENESS 2H	
			NORMAL OUTPUT 100	
101	13	(25 A4)	EST. MFG. LOSS 2%	
195	25 1/4	(2)	DEPARTMENT _____	
5	3/4	(543)	PACKAGE _____	
27	4	(141)	PARALLEL NO.'S	
108	16 1/4	(5027)	No Parallel	
* Grind in 1st mix.			DATE REC'D _____	
			MILL Roller BLEED? _____	
			LBS. OR GALS. PER HOUR _____	
			APPROVED <i>RB</i>	
			FORMULATOR <i>876</i>	
			SUPT. <i>876</i>	

0007-SWP-062247

MANUFACTURING INSTRUCTIONS:

4 lbs. of (4066) may be used if
desired, for grindaid.

1950-51 1892
64588

APPLICATION: SURFACE Ext. Wood

NO. COATS one

UNDERCOATER USED Ex 450

METHOD 1 Brush

REDUCTION: AMOUNT REDUCER USED

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 6-8hrs RECOAT 2-4days STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS

Rex 477

DATE	SLIP NO.	AMOUNT
5-14-52		
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND	"	
KENSINGTON	"	5-14-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	5-14-52
NEWARK	"	
OAKLAND	"	
M. SENOUR	"	5-14-52
DETROIT	"	
LOS ANGELES	"	
DALLAS	"	
DAYTON	"	
GIBBSBORO	"	
EXEC. MFG.	"	
CUBA	"	
MONTREAL	"	
BUENOS AIRES	"	
BRAZIL	"	
RES ADM.	"	
MEXICO	"	

0007-SWP-062248

FORMULA RECORD 6

CONTROL LAB Cleveland T. S.

DATE 11-19-51

REX. NO.

477

NAME S W P Westchester Gray

CARD NO.

14

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
150	6.3	20 or 312	Sherwin-Williams Co. CR
165	3.4	412 or 413	TO MATCH Neutral Oil Standard #89
165	3.5	1424 or 6828	REASON FOR REVISION To improve flow and
54	1.5	2174 or 1004	uniformity of gloss.
3	.2	2070 *	
?		BB 10	
?		B0 30	VISCOSITY 28-32 75° HRS. AFTER GRIND
?		B0 31	VISCOSITY on #3 cup HRS. AFTER GRIND
4	1/2	(5094)	% SOLIDS (RUN)
9	1 1/4	(4230)	ROYALTY: YES ☒ ; NO ☐ ; W ☐
80	10	(25-C-5)	WT./GAL 11.56 LABEL ANALYSIS CHECKED
54	7	(2)	LABEL NO. RED ☒ ; RED ☐
60	9	(5027)	STD. OF FINENESS 24 NEW STD. SAMPLE REQUIRED
*			NORMAL OUTPUT 100 DAE RCD
80	10	(25-C-5)	EST. MFG. LOSS 2% MILL ROLLER BLEED?
5	3/4	(543)	DEPARTMENT LBS. OR GALS. PER HOUR
195	25 1/4	(2)	PACKAGE APPROVED
27	4	(141)	PARALLEL NO.'S FORMULATOR
129	19 1/2	(5027)	No Parallel
			SUPT. 877

MANUFACTURING INSTRUCTIONS:

4 lbs. of (L065) may be used if
desired, for grind aid.

APPLICATION: SURFACE Ext. Wood

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 6-8hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB 1 WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elasti

SPECIAL TESTS _____

Rex 1:77

DATE	SLIP NO.	AMOUNT
<u>Mem-8-8-51</u>	<u>12-5-51</u>	<u>11</u>
<u>17-10-51</u>	<u>11</u>	<u>11</u>
<u>17-10-51</u>	<u>11</u>	<u>11</u>
<u>17-10-51</u>	<u>11</u>	<u>11</u>
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<u>17-10-51</u>	<u>11</u>	<u>11</u>
<u>17-10-51</u>	<u>11</u>	<u>11</u>
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	<u>11</u>	<u>11</u>
CLEVELAND	<u>11</u>	<u>11</u>
KENSINGTON	<u>11</u>	<u>12-5-51</u>
ALLIED RESEARCH	<u>11</u>	<u>11</u>
KENS. TECH. SERV.	<u>11</u>	<u>11</u>
KENS. LACQUER	<u>11</u>	<u>11</u>
NEWARK	<u>11</u>	<u>12-5-51</u>
OAKLAND	<u>11</u>	<u>11</u>
M. SENOUR	<u>11</u>	<u>12-5-51</u>
DETROIT	<u>11</u>	<u>11</u>
LOS ANGELES	<u>11</u>	<u>11</u>
DALLAS	<u>11</u>	<u>11</u>
DAYTON	<u>11</u>	<u>11</u>
GIBBSBORO	<u>11</u>	<u>11</u>
EXEC. MFG.	<u>11</u>	<u>11</u>
CUBA	<u>11</u>	<u>11</u>
MONTREAL	<u>11</u>	<u>11</u>
BUENOS AIRES	<u>11</u>	<u>11</u>
BRAZIL	<u>11</u>	<u>11</u>
RES ADM.	<u>11</u>	<u>11</u>
MEXICO	<u>11</u>	<u>11</u>

0007-SWP-062250

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 5-17-50

REC. NO. 477

NAME S W P Westchester Gray

CARD NO. 13

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
330	6.8	412 or 413	Sherwin-Williams Co.
85	2.4	2174 or 1004	TO MATCH Neutral Oil Standard #89
390	16.4	20 or 312	REASON FOR REVISION: To show Neutral
2		HB 10	Oil Standard #89
2		BO 30	
2		BO 31	
1	1/8	(324) *	VISCOSITY 28-32" @ 75 °C. F. HRS. AFTER GRIND
4	1/2	(5094)	VISCOSITY on #3 cup AT HRS. AFTER GRIND
234	30 1/4	(2)	% SOLIDS (RUN)
153	19	(48) or (310)	WT. GALT 13.44
5	3/4	(543) A	BAUME
9	1 1/4	(4230)	STD. OF FINENESS 2H
27	4	(141)	NORMAL OUTPUT 100
133	20 1/2	(348)	EST. MFG. LOSS 2%
* See Mfg. Inst.			DEPARTMENT
			PACKAGE
			PARALLEL NO.'S
			No Parallel
			ROYALTIES ☐ NO. ☒ ALL ☐
			LABEL ANALYSIS CHECKED ☒
			LABEL NO. RED ☐ RED ☐
			NEW STD. SAMPLE REQUIRED
			DATE REC'D
			MILL ROLLER BLEED?
			LBS. OR ONS. PER HOUR
			APPROVED
			FORMULATOR
			SUPT.

MANUFACTURING INSTRUCTIONS: 4 gals of (798)			Rx 477		
may be used to replace 4 gals of (2)			DATE	SLIP NO.	AMOUNT
to improve flow.			<i>May 19/50</i>	<i>11</i>	
* Up to 1/4 gal (324) may be added			<i>6/15</i>	<i>11</i>	
to grind to adjust viscosity.			<i>6/15</i>	<i>11</i>	
APPLICATION: SURFACE Wood Bldg.			<i>6/15</i>	<i>11</i>	
NO. COATS one			<i>6/15</i>	<i>11</i>	
UNDERCOATER USED Rx 450			FACTORY	FORMULA	SPEC. CARD
METHOD 1 Brush			EXEC. COST DEPT.	"	
REDUCTION: AMOUNT REDUCER USED			CLEVELAND A	"	
METHOD 2			KENSINGTON C	"	<i>5/19/50</i>
REDUCTION: AMOUNT REDUCER USED			ALLIED RESEARCH	"	
DRYING TIME: TOUCH 6-8hr RECOAT 2-4days			KENS. TECH. SERV.	"	
HARD SAND HANDLE			KENS. LACQUER	"	
TACK FREE RUB WRAP			NEWARK N	"	<i>5/19/50</i>
BAKING TIME AND TEMP.			OAKLAND O	"	
GLOSS Oil FILM Med. Hard & Elasti			M. SENOUR M	"	<i>5/19/50</i>
SPECIAL TESTS			DETROIT D	"	
			LOS ANGELES P	"	
			DALLAS T	"	
			DAYTON I	"	
			GIBBSBORO F	"	
			EXEC. MFG.	"	
			CUBA H	"	
			MONTREAL G	"	
			BUENOS AIRES 2	"	
			BRAZIL 5	"	
			RES ADM	"	
			MEXICO	"	

FORMULA RECORD - 6				A125	
CONTRACT LAB		Cleveland L.S.	DATE	3/30/50	P.R. NO. 477
NAME		S W P Westchester Gray		CARD NO.	12
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Shawin Williams Co.		
120	6.2	412 or 212	STANDARD <i>Neutral oil</i>		
85	2.4	2174 or 1004	std #89 <i>5-17-50</i>		
300	16.4	20 or 312	REASON FOR REVISION 10 slow (310) as		
2		32 30	alternate for (310)		
2		30 30			
2		30 31			
1	1/8	(324) *	VISCOSITY 28-30 cSt @ 100°F		
4	1/2	(5094)	VISCOSITY 91-92 cSt @ 100°F		
224	30 1/4	(2)	% SOLIDS 100%		
175	19	(43) or (510)	WT/GAL 11.2		
5	3/4	(543)	SAUNE 2H		
9	1 1/4	(4230)	NEW STD. SAMPLE REQUIRED		
27	4	(141)	DATE TESTED 3/30/50		
133	20 1/2	(348)	EST. MFG. LOSS 2%		
			DEPARTMENT		
			PACKAGE		
			PARALLEL NO.'S		
			No parallel		
* See Mfg. Inst.			SURT.		

0007-SWP-062253

MANUFACTURING INSTRUCTIONS: 4 gals of (798) day 477
 be used to replace 4 gals of (2) to
 improve flow.

* Up to 1/4 gal (324) may be added
 to grind to adjust viscosity.

APPLICATION: SURFACE Wood Bldg

NO. COATS One

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT REDUCER USED

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 6-8hrs RECOAT 4days STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS

DATE	SLIP NO.	AMOUNT
4/10/50		
4/10/50		
4/10/50		
4/10/50		
4/10/50		
4/10/50		
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.		
CLEVELAND A		
KENSINGTON C		4/10/50
ALLIED RESEARCH		
KENS. TECH. CEN.		
KENS. LACQUER		
NEWARK N	11	4/10/50
OAKLAND O	11	
M. SENOUT M	11	4/10/50
DETROIT D	11	
LOS ANGELES J	11	
DALLAS T	11	
DAYTON I	11	
GIBBSBORO F	11	
EXEC. MFG	11	
CUBA H	11	
MONTREAL G	11	
BUENOS AIRES Z	11	
BRAZIL S	11	
RES ADM	11	
MEXICO	11	

FORMULA RECORD			
CONTROL LAB		Cleveland T.S.	DATE 12/1/49
NAME		S W P Westchester Gray	REV. NO. 477
			CARD NO. 11
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin Williams Co.
330	6.8	412 or 413	TO MATCH Standard
85	2.4	2174 or 1004	
390	16.4	20 or CW 2747	REASON FOR REVISION To show choice of
?		BB 10	leaded zinc and increase viscosity.
?		BO 30	
?		BO 31	
1	1/8	(324) *	VISCOSITY 28-32" @ 75 deg. F.
4	1/2	(5094)	VISCOSITY On #3 Cup AT HRS. AFTER GRIND
234	30 1/4	(2)	% SOLIDS (RUN) T 13.44
153	19	A 48	ROYALTY: YES ☐ ; NO ☐ ; X ☐ ; W ☐
5	3/4	(543)	LABEL ANALYSIS CHECKED DATE 12-3-49
9	1 1/4	(4230)	LABEL NO. RED ☐ ; RED ☐
27	4	(141)	NEW STD. SAMPLE REQUIRED
133	20 1/2	(348)	DATE REC'D
			EST. MFG. LOSS 2%
			MILL Roller BLEED?
			DEPARTMENT
			LBS. OR GALS. PER HOUR
			PACKAGE
			APPROVED
			FORMULATOR
			PARALLEL NO.'S
			No parallel
			SUPT.
* See Mfg. Inst.			

0007-SWP-062255

MANUFACTURING INSTRUCTIONS: 4 gals of (798) may be used to replace 4 gals of (2) to improve flow.

* Up to 1/4 gal (324) may be added to grind to adjust viscosity.

APPLICATION: SURFACE Wood Bldg.

NO. COATS One

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT REDUCER USED

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 6-8 hrs RECOAT 2-4 days STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS

DATE	SUP. NO.	AMOUNT
12/14/42	"	
"	"	
"	"	
"	"	
"	"	
"	"	
"	"	
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	12/14/42
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	
NEWARK N	"	12/14/42
OAKLAND O	"	
M. SENOUR M	"	12/14/42
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON I	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRASIL S	"	
RES ADM	"	
MEXICO	"	

FORMULA RECORD

6

4135

CONTRACT LAB Cleveland T. S. DATE 8-19-49

REX. NO. 477

NAME S W P Westchester Gray

CARD NO. 10

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
330		413 or 412	Sherwin-Williams Co.
85		2174 or 1004	TO MATCH Std.
390		20 or CW 2747	REASON FOR REVISION Correcting wt/gal
?		BB 10	on previous formula.
?		BO 30	
?		BO 31	
	30 1/4	(2)	VISCOSITY 25-30" @ 75deg F HRS. AFTER GRIND
	19	(310)	VISCOSITY on #3 SW cup AT HRS. AFTER GRIND
	5 3/4	(348)	% SOLIDS (RUN) WT./GAL T 13.44
			ROYALTY, YES ☐ ; NO ☐ ; X ☐ ; W ☐
	3/4	(543)	LABEL ANALYSIS CHECKED-DATE
	1 1/4	(4230)	LABEL NO. RED ☐ ; RED ☐
	4	(141)	STD. OF FINENESS 2H NEW STD. SAMPLE REQUIRED
	15 1/4	(348)	NORMAL OUTPUT 100 DATE REC'D
			EST. MFG. LOSS 2% MILL Roller BLEED?
			DEPARTMENT LBS. OR GALS. PER HOUR
			PACKAGE APPROVED
* 24	3/4 gals	(2398)	PARALLEL NO.'S FORMULATOR <i>W. Thompson</i>
			No parallel SUPT. <i>B. B. B.</i>

0007-SWP-062257

MANUFACTURING INSTRUCTIONS:

4 gals of (798) may be used to
replace 4 gals of (2) to improve
flow.

APPLICATION: SURFACE Wood Bldg.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT REDUCER USED

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 6-8hrs RECOAT 2-4days

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Med. Hard & Elast

SPECIAL TESTS

Rx 477

DATE	SUP. NO.	AMOUNT
May 1949	7/13/49	
June	"	
July	"	
Sept	"	
Oct	"	
Nov	"	
Dec	"	
1949	"	
R. Schmitt	"	
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	7/15/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	
NEWARK N	"	7/15/49
OAKLAND C	"	
H. SENOUR M	"	7/15/49
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON I	"	
SPRINGBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062258

AI38

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
			Shawtin Williams Co

0007-SWP-062259

MANUFACTURING INSTRUCTIONS:

4 gals of (798) may be used to re-
place 4 gals of (2) to improve flow.

APPLICATION: SURFACE Wood Bldg

NO. COATS One

UNDERCOATER USED Rx 450

METHOD I Brush

REDUCTION: AMOUNT REDUCER USED

METHOD

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 6-8hrs RECOAT 2-4days STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS

477

DATE	SLIP NO.	AMOUNT
Mum	8/31/49	
Ryde	"	
Piza	"	
T. S.	"	
Paula	"	
R. D.	"	
W. K. E.	"	
O. Schatz	"	
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8/31/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	
NEWARK N	"	8/31/49
OAKLAND O	"	
H. SENOUR M	"	8/31/49
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON I	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062260

FORMULA RECORD 6

CONTROL LAB Cleveland T.S.

DATE 6/6/49

REV. NO. 477

NAME S W P Westchester Gray

CARD NO. 8

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
132	2.8	414	Sherrin Williams Co.
198	4	511	TO MATCH Standard
	330#	412	
85	2.4	2174 or 1004	REASON FOR REVISION To use (3321) in place of (48).
390	16.4	20 or	
	240#	2203	
	120	2201	
?		BB 10	VISCOSITY 25-30" @ 75 deg F. HRS. AFTER GRIND
?		BO 30	VISCOSITY HRS. AFTER GRIND
?		BO 31	% SOLIDS (RUN)
6	3/4	(12)	WT./GAL T 13.42
227	29 3/8	(2)	BAUME
150	19	(3321)	STD. OF FINENESS 2H
			NORMAL OUTPUT 100
5	3/4	(543)	EST. MFG. LOSS 2%
9	1 1/4	(4230)	DEPARTMENT
137	21	(348)	PACKAGE
27	4	(141)	PARALLEL NO.'S
			ROYALTY YES ☐ NO ☒ CTS. PER LB.
			LABEL ANALYSIS CHECKED DATE
			LABEL NO. REDESIGNED
			NEW STD. SAMPLE REQUIRED
			DATE RECD
			Roller BLEED?
			LBS. OR GALS. PER HOUR
			APPROVED
			FORMULATOR
			SUPT.

0007-SWP-062261

FORMULA RECORD

6

CONTROL LAB Cleveland T.S.

DATE

1/24/49

REX NO.

477

NAME

S W P Westchester Gray

CARD NO.

7

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
132	2.8	414	Sherwin Williams Co.
198	4	511	TO MATCH Standard
	330 #	412	
85	2.4	2174 or 1004	REASON FOR REVISION To eliminate B C V L and show substitute
390	16.4	20 or	
	240 #	2203	
	120 #	2201	
?		BB 10, BO 30	VISCOSITY 25-38 1075 HRS. AFTER GRIND
?		BO 31	VISCOSITY On #3 Cup AT 100 HRS. AFTER GRIND
6	3/4	(12) W	% SOLIDS (RUN)
227	29 3/8	(2)	ROYALTY TEST NO. 1, XE, W
153	19	(48)	WT./GAL T 13.44 LABEL ANALYSIS CHECKED DATE
5	3/4	(543)	BAUME NEW STD. SAMPLE REQUIRED
9	1 1/4	(4230)	STD. OF FINENESS 2H DATE REC'D
137	21	(348)	NORMAL OUTPUT 100
27	4	(141)	EST. MFG. LOSS 2% WITH Roller BLEED?
			DEPARTMENT LBS. OR GALS PER HOUR
			PACKAGE APPROVED
			PARALLEL NO.'S FORMULATOR
			SUPT. 876

0007-SWP-062263

MANUFACTURING INSTRUCTIONS:			477		
4 gals of (2) may be replaced with 4 gals of (798) to improve flow.			DATE	SLIP NO.	AMOUNT
			<i>Test</i>	<i>4/12/49</i>	
			<i>Mem</i>	<i>4/14/49</i>	
			<i>Boys</i>	<i>"</i>	
			<i>Baron</i>	<i>"</i>	
			<i>T-S</i>	<i>"</i>	
APPLICATION: SURFACE	<i>Bldgs</i>	NO. COATS	<i>Ons</i>		
UNDERCOATER USED	<i>450</i>				
METHOD	<i>Brush</i>				
REDUCTION: AMOUNT		REDUCER USED			
METHOD					
REDUCTION: AMOUNT		REDUCER USED			
DRYING TIME: TOUCH	<i>6-8hrs</i>	RECOAT	<i>2-4days</i>		
HARD		SAND			
TACK FREE		RUB			
BAKING TIME AND TEMP.					
GLOSS	<i>Oil</i>	FILM	<i>Med. Hard & Elastic</i>		
SPECIAL TESTS					
			EXEC. COST DEPT.		
			CLEVELAND	<i>A</i>	
			KENSINGTON	<i>C</i>	<i>4/14/49</i>
			ALLIED RESEARCH	<i>"</i>	
			KENS. TECH. SERV.	<i>"</i>	
			KENS. LACQUER		
			NEWARK	<i>N</i>	
			OAKLAND	<i>O</i>	
			M. SENOUR	<i>M</i>	
			DETROIT	<i>D</i>	
			LOS ANGELES	<i>P</i>	
			DALLAS	<i>T</i>	<i>4/12/49</i>
			DAYTON	<i>L</i>	
			GIBBSBORO	<i>F</i>	
			EXEC. MFG.	<i>"</i>	
			CUSA	<i>H</i>	
			MONTREAL	<i>G</i>	
			BUENOS AIRES	<i>2</i>	
			BRAZIL	<i>S</i>	
			RES ADM	<i>"</i>	
			MEXICO		

FORMULA RECORD

CONTROL LAB Cleveland T.S. DATE 1/4/49

REX NO. 477

NAME S.W.P. Westchester Gray

CARD NO. 6

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
385		20 F	Shawin Williams Co.
75		2174	TO M TCH Standard
300		412	
53		18	REASON FOR REVISION <u>Conserving Raw</u>
?		BE 10	<u>Materials.</u>
?		BY 40	
6	3/4	(12) W	VISCOSITY <u>25-30" @ 75 deg F.</u> HRS. AFTER GRIND
227	29 3/8	(2)	VISCOSITY <u>On #3 Cup</u> HRS. AFTER GRIND
153	19	(48)	% SOLIDS (RUN) <u>22</u> ROTARY TEST NO. <u>15</u> WT. <u>13.50</u>
27	4	(141)	WT/GAL <u>T 13.50</u> LABEL ANALYSIS CHECKED-DATE
5	3/4	(543)	BAUME LABEL NO. RED E; RED O
9	1 1/4	(4230)	STD. OF FINENESS <u>2H</u> NEW STD. SAMPLE REQUIRED
3 1/2	1/2	(4232)	NORMAL OUTPUT <u>100</u> DATE REC'D
138	21 1/4	(348)	EST. MFG. LOSS <u>2%</u> <u>Roller</u> BLEED?
			DEPARTMENT LBS. OR GALS. PER HOUR
			PACKAGE APPROVED
			PARALLEL NO.'S FORMULATOR <u>B. Thompson</u>
			SUPT. <u>876</u>

0007-SWP-062265

62# HW 102 } (52# 18 dry
28 gal (2) 1/2 for } 29 3/8 gal. (2)
5/8 gal (12)W } 3/4 gal (12)W
4 gal of (2) may be replaced with*

NO. COATS One

METHOD 1 Brush

METHOD

HARD SAND HANDLE

BAKING TIME AND TEMP. _____

SPECIAL TESTS * 4 gal of (798) to improve

flow.

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	11/5/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SEMOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON I	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
REG. ADM.	"	

FORMULA RECORD			A135 WHITE	
Exp. No.	Date	4/21/48	Class	6
Name	S W P Westchester Gray		Replaces No.	4
Customer			Sherwin Williams Co.	
To Match			Standard	
Reason for Revision			Improve durability by increasing zinc content as per M V L's letter to SFC of 3/25/48, and use 511 for leaded zinc.	
Viscosity			25-30" @ 75 deg F.	
Viscosity			On #3 Cap	
% Solids (Run)			14.33	
Wt./Gal			14.33	
Baume			2H	
Std. of Fineness			100	
Normal Output			5/1/48 2H	
Est. Mfg. Loss			2H	
Department			Lbs. or Gals. per hour.	
Package			Approved	
Parallel No.'s			Formulator	
Supt.			K. F. Sawyer	
Supt.			J. F. Sawyer	

POUNDS	GALLONS	MATERIAL NO.
315		20 F
100		2174
254		414
163		511
70		18 (OVER)
?		BB 10
?		BO 30
?		BO 31
6	3/4	(12) H
227	29 3/8	(2)
150	19	(3316) (34)
5 1/4	3/4	(543)
9 1/4	1 1/4	(4230)
3 1/2	1/2	(4232) (348)
133	20 1/2	(348)
27	4	(141)
315	20 F	OR
194	2203	
96	2201	

0007-SWP-062267

Application: Surface Buildings No. Coats One
Undercoater Used 450 No. Coats

Method 1. _____ Brush

Reduction: Amount _____ Reducer Used _____

Method 2

Reduction: Amount _____ **Reducer Used** _____

Drying Time: Touch ~~6-8 hrs~~ Recoat ~~4-5 days~~ Stencil.

Hard Sand Handle.

Tack Free _____ **Rub** _____ **Wrap** _____

Baking Time and Temp.

Gloss Oil Film Med. Hard & Elastic

Special Tests: 4 gal of (798) to improve flow.

85/2/48

DATE	SLIP No.	AMOUNT
<i>Billing 4/13/48</i>		
<i>Billing "</i>		
<i>Cashier "</i>		
<i>Editor "</i>		
FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland A	"	
Kensington C	"	<i>6/5/48</i>
Allied Research	"	
Kens. Tech. Serv.	"	
Kens. Lacquer	"	
Newark N	"	
Oakland O	"	
M. Seneur M	"	
Detroit D	"	
Los Angeles P	"	
Dallas T	"	
Dayton B	"	
Gibbsboro F	"	
Pittsburgh H	"	
Cuba V	"	
Montreal	"	
Buenos Aires Z	"	
Brazil	"	
<i>Warrington</i>	"	

FORMULA RECORD				A135 WHITE	
Exp. No.	Date	9/18/47	Class	6	Rev. No.
Name	S W P Westchester Gray			Card No.	4
			Replaces No.	3	
POUNDS	GALLONS	MATERIAL NO.	Customer	S W P	
325		20 L	To Match	Std.	
100		2174	Reason for Revision	To use CW 2035 and conserve linseed	
400		412	{ 19 gl (3316) 24 3/8 (2) 5 CW 2035 }		
70		18			
?		BB 10			
?		BO 31	Viscosity	25-30" @ 75 deg F.	at hrs. after grind
?		BO 30	Viscosity	On #3 Cup	at hrs. after grind
6	3/4	(12)W	% Solids (Run)	T 14.2	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
152	19	(48)	Wt./Gal		Label Analysis Checked-Date
110	14 3/8	(2)	Baume	24	Label: No Red ☐ ; Red ☐
116	15	CW 2035	Std. of Fineness	34	New Std. Sample Required
5 1/4	3/4	(543)	Normal Output	100	Date Rec'd
9 1/4	1 1/4	(4230)	Est. Mfg. Loss	2%	Initial
3 1/2	1/2	(4232)	Department	4/5/44	Lbs. or Gals. per hour
133	20 1/2	(348)	Package		Approved
27	4	(141)	Parallel No.'s		Formulator
325#	20	or			Supt.
156#	1989	200#	2:03		
156	2201	or	100	2201	

0007-SWP-062269

MANUFACTURING INSTRUCTIONS: Then using BW 102 and (48)

use 82# BW 102 in place of 70# of 18 dry, use 13 gl of (2) in place of 14 3/8 gl or (2) use 1/8 gl of 12W in place of 1/4 gl. of 12W. When using BW 102 and (3316) use 82# of BW 102 in place of 70# of 18 dry, use 23 gl of (2) in place of 24 3/8 gl (2), use 1/8 gl of 12W in place of 1/4 gl of 12W.

Application: Surface Buildings No. Coats One

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 6hrs. Recoat 4-5 days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard, Elastic

Special Tests It is permissible to replace up to

8 gl of (2) with (798) to get proper

flow.

4/10/2/47 28/1/5/48

DATE SLIP No. AMOUNT
9-3-47
Bayer
Bottom

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland	A	"
Kensington	C	" 9-3-47
Allied Research	"	
Kens. Tech. Serv.	"	
Kens. Lacquer	"	
Newark	N	"
Oakland	O	"
M. Senour	M	"
Detroit	D	"
Los Angeles	P	"
Dallas	T	"
Dayton	B	"
Gibbsboro	F	"
Pittsburgh	H	
Cuba	V	"
Montreal	"	"
Buenos Aires	Z	"
Brazil	"	"

FORMULA RECORD			A135 WHITE	
Exp. No.	Date	8/1/47	Class	6
Name	SWP Westchester Gray		Rex. No.	477
			Card No.	4
			Replaces No.	3
POUNDS	GALLONS	MATERIAL No.	Customer S W Co.	
325		20 L	To Match Std.	
100		214 2174	8/14/47	
295		414	Reason for Revision To use 414 dry in place	
175		18	of 412	
?		BB 10		
?		BO 31		
?		BO 30		
2	1/4	(12)W	Viscosity 25-30" @ 75° On 3 Cup	
150	29 3/8	(2)	Viscosity 4.8 at	
150	19	(3311) (3316)	8/18/47	
5 1/4	3/4	(543)	Wt./Gal. 14.29	
9 1/4	1 1/4	(4230)	Baume 24	
3 1/2	1/2	(4232)	Std. of Fineness 30	
136	21	(348)	Normal Output 100	
27	4	(141)	Est. Mfg. Loss 2%	
325#	20 L	or	Department	
156#	1989	200# 2203	Package	
156#	2201	160# 2201	Parallel No.'s	
			Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
			Label Analysis Checked-Date	
			Label: No Red ☒ ; Red ☐	
			New Std. Sample Required	
			Date Rec'd	
			Mill Roller	
			Bleed?	
			Lbs. or Gals. per hour	
			Approved	
			Formulator	
			Supt. S.F.C.	

0007-SWP-062271

FORMULA RECORD					A135 WHITE	
Exp. No.	Date		Class		Rev. No.	
	9/18/47		6		477 Alt D	
Name					Card No.	Replaces No.
S W P Westchester Gray					4	3
POUNDS			GALLONS		MATERIAL No.	
325					20 L	
100					2174	
295					414	
175					18	
?					BB 10	
?					BO 31	
?					BO 30	
6			3/4		(12W)	
152			19		(48)	
110			14 3/8		(2) or	
116			15		CW 2035	
5 1/4			3/4		(543)	
9 1/4			1 1/4		(4230)	
3 1/2			1/2		(4232)	
133			20 1/2		(348)	
27			4		(141)	
325			20 L		or	
156			1989		200 2203	
156			2201		or 100 2201	
Customer					S W Co.	
To Match					Std.	
Reason for Revision					To use 414 in place of 412	
19 g1 (3316)						
24 3/8 (2)						
5 CW 2035						
Viscosity					25-30" @ 75 deg F. at hrs. after grind	
Viscosity					On 3 Cup at hrs. after grind	
% Solids (Run)					Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
Wt./Gal. T 14.33					Label Analysis Checked-Date	
Baume					Label: No Red ☒ ; Red ☐	
Std. of Fineness					New Std. Sample Required	
Normal Output					Date Rec'd	
Est. Mfg. Loss					Mfg. Bleed?	
Department					Lbs. of Gels. per hour	
Package 4/5/48					Approved	
Parallel No.					Formulator	
					Supt.	

0007-SWP-062273

When using BW 102 and (48)

MANUFACTURING INSTRUCTIONS:
 use 205# of BW 102 in place of 175# of 18
 dry use 10 7/8 gl of (2) in place of 14 3/8 gl of (2) and use 7/2 gl
 of 12W in place of 3/4 gl of 12W. When using BW 102 and (48) use 205#
 BW 102 in place of 24 3/8 gl of (2) use 1/2 gl of 12W in place of
 3/4 gl 12W.

Application: Surface Buildings No. Coats One
 Undercoater Used _____ No. Coats _____

Method 1 Brush
 Reduction: Amount _____ Reducer Used _____

Method 2 _____
 Reduction: Amount _____ Reducer Used _____

Drying Time: Touch 6hrs. Recoat 4-5days Stencil _____
 Hard _____ Sand _____ Handle _____
 Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp. _____
 Gloss Oil Film Med. Hard, Elastic

Special Tests It is permissible to replace up
to 8 gl of (2) with 8 gl of (798) to
get proper flow.

8/10/47 8/15/48

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland	A	
Kensington	C	9-30-47
Allied Research	"	
Kens. Tech. Serv.	"	
Kens. Lacquer	"	
Newark	N	"
Oakland	O	"
M. Senour	M	"
Detroit	D	"
Los Angeles	P	"
Dallas	T	"
Dayton	B	"
Gibbsboro	F	"
Pittsburgh	H	"
Cuba	V	"
Montreal	"	"
Buenos Aires	Z	"
Brazil	"	"
<i>Others</i>	"	"

0007-SWP-062274

Attach to Rx-477 Card #3

191#	20 L	or	93#	1989
			93#	2201
		or	117	2203
			59	2201

0007-SWP-062275

3-31-47
All factories closing
V Mill, Plann. 78

FORMULA RECORD

A135 WHITE 9-46 3311 D

Exp. No.

Date 2-18-47

Class 6

Res. No. 477

Name

S " P Westchester Gray

Card No. 3

Replaces No. 2

POUNDS	GALLONS	MATERIAL No.	Customer	SWP
191		20 L	To Match	Std.
224		2140		
400		412	Reason for Revision	To Conserve TiO ₂
82		EW 102	13 dry	
?		BB 10	1 3/8 Gal (5091)	
?		BO 31	1/8 Gal (12 W)	
?		BO 30	Viscosity 25-30" @ 75°	at hrs. after grind
5	5/8	(12)W	Viscosity On 3 Cup	at hrs. after grind
216	28	(2)	% Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
152	18 1/4	(48) (48 1/4) 5/9/47	Wt./Gals 14.25	Label Analysis Checked-Date
		(2525) 5/9/47	Baume	Label: No Red ☒ ; Red ☐
5 1/4	3/4	(543)	Std. of Fineness 3H	New Std. Sample Required
13 1/4	1 1/4	(4230)	Normal Output 100	Date Rec'd
136	21	(343)	Est. Mfg. Loss 2%	Mill
27	2 1/4	(141) 3/25/47	Department	Bleed?
			Lbs. or Gals. per hour	
			Package	Approved
			Parallel No.'s	Formulator <u>Sam Kiley</u>
				Supt. <u>876</u>

0007-SWP-062277

[illegible]

0007-SWP-062278

Attach to Rx 477 Card 3 Alt. A.

275# 20 L or { 133# 1989
133# 2201

or { 170# 2203
82# 2201

3-31-47
All factories including
V-Mells - Green Plains T-S

FORMULA RECORD			AIC. A-25 WHITE 45 3311 D	
Exp. No.	Date 2-18-47	Class 6	Rex. No. 477	
Name S W P Westchester Gray			Card No. 3	Replaces No. 2
POUNDS	GALLONS	MATERIAL NO.	Customer S W P	
275		20 L	To Match Std.	
56		2174		
540		412		
169		B1 102	Reason for Revision	
?		9B 10	18 dry	
?		B0 31	8 gal (5091)	
?		B0 50	Gal (12 W)	
203	26 3/8	(2)	Viscosity 25-30" 75°	at hrs. after grind
152	19 1/3	(48)	Viscosity On 3 Cup	at hrs. after grind
5 1/4	3/4	(543)	% Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
13 1/4	1 1/4	(4230)	Wt./Gal 15.46	Label Analysis Checked-Date
133	20 1/2	(348)	Baume 34	Label: No Red ☐ ; Red ☐
27	4	(141)	Std. of Fineness 100	New-Std. Sample Required
			Normal Output 2%	Date Rec'd
			Est. Mfg. Loss	Mill
			Department	Bleed?
			Package	Lbs. or Gals. per hour
			Parallel No.'s	Approved
				Formulate
				Supt. <i>Sam Huey</i>

0007-SWP-062281

MANUFACTURING INSTRUCTIONS:

Application: Surface **Buildings** No. Coats **One**
Undercoater Used No. Coats

Method 1 **Brush**

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch **6 hrs** Recoat **4-5 days** Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss **Mat** Film **Med. Hard, Elastic**

Special Tests

4/5/9/47 4/6/24/47

DATE SLIP No. AMOUNT

W. J. M. 2-21-47
W. J. M. 2-24-47

FACTORY FORMULA SPEC. CARD

Exec. Cost Dept.	A	
Cleveland	A	
Kensington	C	2-21-47
Allied Research	H	
Kens. Tech. Serv.	H	
Kens. Lacquer		
Newark	N	
Oakland	O	
M. Senour	M	
Detroit	D	
Los Angeles	P	
Dallas	T	
Dayton	B	
Gibbsboro	F	
Pittsburgh	H	
Cuba	V	
Montreal		
Buenos Aires	Z	
Brazil		
<i>W. J. M.</i>	<i>2-21-47</i>	
<i>W. J. M.</i>	<i>2-24-47</i>	

FORMULA RECORD			Alt. C		A135 WHITE 9-46 3311 D	
Exp. No.	Date	Class	Revis. No.	Card No.	Replaces No. 2	
* Name S W P Westchester Gray						
POUNDS	GALLONS	MATERIAL NO.	Customer			
275		20 L	To Match			
56		2174	Corrects card Alt C dated 3-26-47			
413		414	Reason for Revision Use 414 in place of 412 in			
317		BW 102 or 272#	18 dry card 3Alt. A.			
?		BB 10	Gal (5091) - 1/2 Gal (12 W)			
?		BO 31	Viscosity 25-30" 75° at hrs. after grind			
?		BO 30	Viscosity On 3 Dup at hrs. after grind			
187	24 1/8	(2)	% Solids (Run)			
152	19 2/8	(48)	Royalty: Yes ☐ No ☐ X ☐ W ☐			
		(2345)	Label Analysis Checked-Date			
5 1/4	3/4	(543)	Label No Rec ☐ Red ☐			
9 1/4	1 1/4	(4230)	New Std. Sample Required			
133	20 1/2	(348)	Date Rec'd			
27	4	(141)	Mill ☒ Bleed?			
275# 20 L or		133# 1989	Lbs. or Gals. per hour			
		133 2201	Approved			
		170# 2203	Formulation			
		82# 2201	Supt. <i>[Signature]</i>			
		or	CARD			

FORMULA RECORD

A135 WHITE 3311 D

Exp. No. Date 3-26-47 Class 6 Rex. No. 477 Alt. 3B
 Name S. W. P. Westchester Gray Card No. 3 Replaces No.

POUNDS	GALLONS	MATERIAL NO.	Customer	S. W. Company
191		20 L	To Match	Std.
224		2140		
306		414	Reason for Revision	To use 414 in place of
191		20 L or 164 #	18 dry	412 in Card 3.
?		BB 10	gal (5091)	
?		BO 31	gal (12 W)	
?		BO 30	Viscosity 25-30" @ 75 °F on	at hrs. after grind
3	3/8	(12 W)	Viscosity #3 cup	at hrs. after grind
202	26 1/8	(2)	% Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
152	19 1/5	(48) (48/5/4/1)	Wt./Gal. 14.20	Label Analysis Checked-Date
		(2328) 48 5/8/1	Baume.	Label: No Red ☐ ; Red ☐
5 1/4	3/4	(543)	Std. of Fineness	New Std. Sample Required
9 1/4	1 1/4	(4230)	Normal Output 100	Date Rec'd
140	21 1/2	(348)	Est. Mfg. Loss 2%	Mill
27	4	(141)	Department	Bleed?
191#	20 L or	(93# 1989)	Package	Lbs. or Gals. per hour
		(93# 2201 or	Parallel No.'s	Approved
3 OVER				Formulator <i>Sam Kuey</i>
				Supt. <i>276</i>

0007-SWP-062285

85/9/47 86/24/47

Wm. V. Mills	3-28-17
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FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland	A "	
Kensington	C "	3-28-47
Allied Research	"	
Kens. Tech. Serv.	"	
Kens. Lacquer		
Newark	N "	
Oakland	O "	
M. Senour	M "	
Detroit	D "	
Los Angeles	P "	
Dallas	T "	
Dayton	E "	
Gibbsboro	F "	
Pittsburgh	H "	
Cuba	V "	
Montreal	"	
Buenos Aires	Z "	
Brazil	"	
Flora	"	
F-S	"	

FORMULA RECORD

A135 WHITE 9-46 3311 D

Exp. No. _____ Date 2-6-47 Class 6 Rex. No. 477
 Name S W P Westchester Gray Card No. 2 Replaces No. 1

POUNDS	GALLONS	MATERIAL No.	Customer
325		20 L	S W Co.
100		2174	Std.
100		412	
82		B 102 or 70#	Reason for Revision <u>To conserve Linseed Oil</u>
?		BB 10	Lead
?		BO 31	(5091)
?		BO 30	(12 W)
5	5/8	(12)W	Viscosity <u>25-30" 75°F</u> at _____ hrs. after grind
147	19	(2)	Viscosity <u>On 3 Cup</u> at _____ hrs. after grind
31	4	(798)	% Solids (Run) _____
191	24	(3316)	Wt./Gal. <u>14.29</u>
			Baume _____
5 1/4	3/4	(543)	Std. of Fineness <u>3H</u>
9 1/4	1 1/4	(4230)	Normal Output <u>100</u>
3 1/2	9/16	(4232)	Est. Mig. Loss <u>2%</u>
133	20 1/2	(348)	Department _____
27	4	(141)	Package _____
			Parallel No.'s _____
			Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
			Label Analysis Checked-Date _____
			Label: No Red ☐ ; Red ☐
			New Std. Sample Required _____
			Date Rec'd _____
			Mfr. <u>Holler</u> Bleed? _____
			Lbs. or Gals. per hour _____
			Approved _____
			Formulator <u>Sam Huey</u>
			Supt. <u>876</u>

0007-SWP-062287

473

DATE	SLIP No.	AMOUNT
68		
<i>Merry</i>	<i>2-20-47</i>	
FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"11	
Cleveland	A	
Kensington	C	<i>2-20-47</i>
Allied Research	"11	
Kens. Tech. Serv.	"11	
Kens. Lacquer		
Newark	N	
Oakland	O	
M. Senour	M	
Detroit	D	
Los Angeles	P	
Dallas	T	
Dayton	B	
Gibbsboro	F	
Pittsburgh	H	
Cuba	V	
Montreal		
Buenos Aires	Z	
Brazil		
<i>Blaine</i>		

FORMULA RECORD			A135 WHITE
Exp. No. _____		Date <u>8/1/47</u>	Class <u>6</u>
Name <u>SWP Westchester Gray</u>		Rex. No. <u>477 Alt B</u>	Card No. <u>4</u> Replaces No. <u>3</u>
POUNDS	GALLONS	MATERIAL No.	Customer <u>S W Co.</u>
<u>191</u>		<u>20 L</u>	To Match <u>Std.</u>
<u>224</u>		<u>2140</u>	
<u>400</u>		<u>412</u>	Reason for Revision <u>To use when 2174 is not available.</u>
<u>70</u>		<u>18</u>	
<u>?</u>		<u>BB 10</u>	
<u>?</u>		<u>BO 31</u>	
<u>?</u>		<u>BO 30</u>	Viscosity <u>25-30" @ 75° On 3 MP</u> hrs. after grind
<u>6</u>	<u>3/4</u>	<u>(12) W</u>	Viscosity _____ hrs. after grind
<u>227</u>	<u>29 3/8</u>	<u>(2)</u>	% Solids (Run) _____
<u>150</u>	<u>19</u>	<u>(3316)</u>	Wt./Gal. <u>T 14.15</u>
<u>5 1/4</u>	<u>3/4</u>	<u>(543)</u>	Baume _____
<u>9 1/4</u>	<u>1 1/4</u>	<u>(4230)</u>	Std. of Fineness <u>31</u>
<u>3 1/2</u>	<u>1/2</u>	<u>(4232)</u>	Normal Oil <u>100</u>
<u>133</u>	<u>20 1/2</u>	<u>(348)</u>	Est. Mfg. Loss <u>2%</u>
<u>27</u>	<u>4</u>	<u>(141)</u>	Department _____
	<u>91# 20</u>	<u>L or</u>	Package _____
<u>93#</u>	<u>1989 or</u>	<u>117# 2203</u>	Parallel No.'s _____
<u>93#</u>	<u>2201</u>	<u>59 2201</u>	
			Royalty: Yes ☐ ; No ☐ ; <u>Red</u> ☒ ; <u>W</u> ☐
			Label Analysis Checked-Date _____
			Label: <u>N</u> Red ☒ ; Red ☐
			New Std. Sample Required _____
			Date Rec'd _____
			Mill <u>Roller</u> Bleed? ☐
			Lbs. or Gals. per hour _____
			Approved _____
			Formulator <u>Sam Wiley</u>
			Supt. <u>S.F. Cr</u>

0007-SWP-062289

FORMULA RECORD			A135 WHITE	
Exp. No. <u>7</u>	Date <u>7/31/47</u>	Class <u>6</u>	Rex. No. <u>477</u>	
Name <u>SWP Westchester Gray</u>			Card No. <u>4</u>	Replaces No. <u>3</u>
POUNDS	GALLONS	MATERIAL No.	Customer <u>SWP</u>	
<u>325</u>		<u>20 L</u>	To Match <u>Std.</u>	
<u>100</u>		<u>204 2/7</u>	<u>8/14/47</u>	
<u>400</u>		<u>412</u>	Reason for Revision <u>To use (3316) in place of</u>	
<u>70</u>		<u>18</u>	<u>19 gal. (48)</u>	
<u>?</u>		<u>BB 10</u>		
<u>?</u>		<u>BO 31</u>		
<u>?</u>		<u>BO 30</u>		
<u>6</u>	<u>3/4</u>	<u>(12)W</u>	Viscosity <u>25-30" @ 75°</u> On <u>3</u> <u>hrs.</u> after grind	
<u>227</u>	<u>29 3/8</u>	<u>(2)</u>	Viscosity _____ at _____ hrs. after grind	
<u>150</u>	<u>19</u>	<u>(3316)</u>	% Solids (Run) _____	
<u>5 1/4</u>	<u>3/4</u>	<u>(543)</u>	WL/Gal. <u>T 14.27</u>	
<u>9 1/4</u>	<u>1 1/4</u>	<u>(4230)</u>	Baume <u>24</u>	
<u>3 1/2</u>	<u>1/2</u>	<u>(4232)</u>	Std. of Fineness <u>3#</u>	
<u>133</u>	<u>20 1/2</u>	<u>(348)</u>	Normal Output <u>100</u>	
<u>27</u>	<u>4</u>	<u>(141)</u>	Est. Mfg. Loss <u>2%</u>	
<u>325#</u>	<u>20 L</u>	<u>or</u>	Department _____	
<u>156#</u>	<u>1989</u>	<u>200# 2203</u>	Package _____	
<u>156#</u>	<u>2201</u>	<u>or</u>	Parallel No.'s _____	
		<u>160# 2201</u>	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
			Label Analysis Checked-Date _____	
			Label: No Red ☒ Red ☐	
			New Std. Sample Required _____	
			Date Rec'd _____	
			Mill Roller _____ Bleed? _____	
			Lbs. or Gals. per hour _____	
			Approved _____	
			Formulator <u>Sam H. W.</u>	
			Supt. <u>S.F.C.W.</u>	

MANUFACTURING INSTRUCTIONS: It is permissible to replace up to 4 gal (2) with (798) to get better flow. When using EW 102 replace: 70# 18 dry with 82# EW 102; 28 gal of (2); 3/4 gal 12% with 5/8 gal 12%			DATE SLIP No. AMOUNT		
Application: Surface Buildings No. Coats One Undercoater Used No. Coats			29-3/8 (2) with 1/2 gal 12% 1/2 gal 12%		
Method 1 Brush Reduction: Amount Reducer Used Method 2 Reduction: Amount Reducer Used			FACTORY FORMULA SPEC. CARD Exec. Cost Dept. " Cleveland A " Kensington C " Allied Research " Kems. Tech. Serv. " Kems. Lacquer " Newark N " Oakland D " M. Senour M " Detroit D " Los Angeles P " Dallas T " Dayton B " Gibbsboro F " Pittsburgh H " Cuba V " Montreal " Buenos Aires Z " Brazil " 8-8-47		
Drying Time: Touch 6 hrs. Recoat 4-5 days Stencil Hard Sand Handle Tack Free Rub Wrap Baking Time and Temp. Med. Hard, Elastic Gloss Oil Film Special Tests			8-14-47 d 10/4/41		

Alt. A 135 WHITE 9-46 3311 D

477

Card No. 2 Replaces No. 1

0007-SWP-062293

477

[illegible]

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	2-20-47	
Cleveland	A 11	
Kensington	C 11	2-20-47
Allied Research	11	
Kens. Tech. Serv.	11	
Kens. Lacquer		
Newark	N 11	
Oakland	O 11	
M. Senour	M 11	
Detroit	D 11	
Los Angeles	P 11	
Dallas	T 11	
Dayton	B 11	
Gibbsboro	F 11	
Pittsburgh	H 11	
Cuba	V 11	
Montreal	11	
Buenos Aires	Z 11	
Brazil	11	

Drying Time: Touch	Recoat	Stencil
Hard	Sand	Handle
Tack Free	Rub	Wrap
Baking Time and Temp.	Med. Hard, Elastic	
Gloss	Film	
Special Tests		

FORMULA RECORD			Alt. B. A135 WHITE 9-56 331 & D	
Exp. No.	Date 2-6-47	Class 6	Rev. No. 477	
Name S W P Westchester Gray	Card No. 2	Replaces No. 1		
POUNDS	GALLONS	MATERIAL No.	Customer S W Co.	
275		20 L	To Match Std.	
56		2174		
540		412	Reason for Revision To conserve HIO2	
169		BW 102	Lead	
?		BB 10	8 Gal (5091)	
?		BO 31	Gal (12 W)	
?		BO 30	Viscosity 25-30 at hrs. after grind	
4	1/2	(12)W	Viscosity 3-4 at hrs. after grind	
135	17 1/2	(2)	% Solids (Rn) 14.45	
31	4	(798)	Wt./Gal. 14.45	
191	24	(3316)	Baume 3H	
5 1/4	3/4	(543)	Std. of Fineness 100	
9 1/2	1 1/4	(4230)	Normal Output 23	
3 1/2	9/16	(4232)	Est. Mig. Loss	
127	19 1/2	(348)	Department	
27	4	(141)	Package	
			Parallel No.'s	
			Approved Sam Huley	
			Formulator SFB	
			Supt.	

0007-SWP-062295

FORMULA RECORD			A135 WHITE 1-45 3043
Exp. No.	Date 8-22-45	Class 6 TS	Rex. No. 477
Name S W P Westchester	Gray	Card No. 1	Replaces No.

POUNDS	GALLONS	MATERIAL NO.	Customer S.W.CO.
325		20 L	To Match New color
100		2174	3.74 lb oil / 9 lb m 9.7-45
400		412	Reason for Revision per V. Mills letter
82		BW 102-over	7/30/45 Subj. Re-Aligning Trade
?		BB 10	Sales Rex.-numbers.
?		BO 31	SUPERSEDES REX-374
?		BO 30	Viscosity 25-30" @ 75° #3 at SW hrs. after grind
			Viscosity at hrs. after grind
			% Solids (Run)
	5/8	(12) W	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
	28	(2)	Label Analysis Checked-Date
	19	(48)	Label: No Red ☐ Red ☒
			New Std. Sample Required YES
	3/4	(543)	Date Rec'd
	1 1/4	(4230)	Mill Roller Bleed?
	21	(348)	Lbs. or Gals. per hour
	4	(141)	Approved
			Formulator <i>Mon Budwick</i>
			Supt. <i>ABH</i>
			Parallel No.'s

0007-SWP-062297

MANUFACTURING INSTRUCTIONS:

82 # BW 102

70# Lead

1 3/8 gal (5091)

.18 gal (12) "

Application: Surface

No. Coats

Undercoater Used

No. Coats

Buildings

one

Method 1

Reduction: Amount

Reducer Used

Method 2

Brush

Reduction: Amount

Reducer Used

Drying Time: Touch

Recoat

Stencil

Hard

Sand

Handle

Tack Free

6 hrs

Rub

4-5 days

Wrap

Baking Time and Temp.

Gloss

Film

Special Tests

Oil

led. Hard, Elastic

DATE

SLIP No.

AMOUNT

FACTORY

FORMULA

SPEC. CARD

Exec. Cost Dept.

9-7-45

Cleveland

A 9-6-45

Kensington

C

Allied Research

"

Kens. Tech. Serv.

"

Kens. Lacquer

"

Newark

N

Oakland

O

M. Senour

M

Detroit

D

Los Angeles

L

Dallas

T

Dayton

B

Gibbsboro

F

Pittsburgh

H

Cuba

V

Montreal

"

Buenos Aires

Z

Brazil

"

0007-SWP-062298

FORMULA RECORD			Alt. B.
Exp. No.	Date	Class	Remarks
	11-9-45	6 TS	Alt. B.
Name	S W P Westchester Gray		Card No. 1 Replaces No.

POUNDS	GALLONS	MATERIAL No.	Customer
300		20 L	S.W.CO.
125		2031	To Match STD.
260		2059	
245		BW 102-over)	Reason for Revision
		BB 10	Alt. use of 2031, 2059
		BO 31	& BW 102 if 2174 as well as
		BO 30	412 dry are unavailable
			Viscosity 25-30 at 73° F.
			Viscosity 25-30 at 73° F.
			% Solids (Run)
			Wt./Gal. 14.37
			Baume
			Std. of Fineness 3H
			Net. Mfg. Less 100
			Department B
			Package
			Parallel No. s

POUNDS	GALLONS	MATERIAL No.	Customer
300		20 L	S.W.CO.
125		2031	To Match STD.
260		2059	Reason for Revision
245		BW 102-over)	Alt. use of 2031, 2059
		BB 10	& BW 102 if 2174 as well as
		BO 31	412 dry are unavailable
		BO 30	Viscosity 25-30 at 73° F.
			Viscosity 25-30 at 73° F.
			% Solids (Run)
			Wt./Gal. 14.37
			Baume
			Std. of Fineness 3H
			Net. Mfg. Less 100
			Department B
			Package
			Parallel No. s

POUNDS	GALLONS	MATERIAL No.	Customer
300		20 L	S.W.CO.
125		2031	To Match STD.
260		2059	Reason for Revision
245		BW 102-over)	Alt. use of 2031, 2059
		BB 10	& BW 102 if 2174 as well as
		BO 31	412 dry are unavailable
		BO 30	Viscosity 25-30 at 73° F.
			Viscosity 25-30 at 73° F.
			% Solids (Run)
			Wt./Gal. 14.37
			Baume
			Std. of Fineness 3H
			Net. Mfg. Less 100
			Department B
			Package
			Parallel No. s

8/17/15

[illegible]

0007-SWP-062300

FORMULA RECORD

A135 2-44 3151

Exp. No.

Date 11-9-45

Class 6 TS

Alt. A.

Rev. No.

477

Name

S W P

Westchester

Gray

Card No. 1

Replaces No.

POUNDS	GALLONS	MATERIAL NO.
325		20 L
100		2174
260		2059
245		BW 102-over
?		BB 10
?		BO 31
?		BO 30
	3/8	{ 12 } W
	25 1/4	{ 2 }
	19	{ 48 }
	3/4	{ 543 }
	1 1/4	{ 4230 }
	21	{ 348 }
	4	{ 141 }

RECONVERSION EMERGENCY
USE ONLY IN
EXCESS COST

Customer S.W.CC.

To Match STD.

Reason for Revision Alt. use of 2059 and BW 102 during present shortage of 412 dry.

Viscosity 26-30" @75° #3 at hrs. after grind

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal 14.37

Baume

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department B

Package

Parallel No.'s

Royalty: Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date

Label: No Red ☒; Red ☐

New Std. Sample Required ☒

Date Rec'd

Mill Roller ☒ Bleed?

Lbs. or Gals. per hour

Approved

Formulator *Wm. K. ...*

Supt. *...*

0007-SWP-062301

