CONTROL LAB Cleveland T. S. DATE 7-20-54 REV. NO. 47L

NAME S W P Chelsea Gray CARD NO. 25

CUSTOMER Sherwin-Williams Co. &

MFG. INSTR.

WT./GAL. T 11.38 VISC. 30" 2 sec. @75 deg. F

GRIND 2H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS H

PARALLELS NO FLASH PT. 100°F LABEL: NO RED RED

ROYALTY: YES ☐ NO ☐: X ☐: W ☐

REASON FOR REVISION To show "Special Tests."

FORMULATOR [illegible] SUPT. [illegible]

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
75	3.5	6202	6202
150	6.3	6232	312
300	11.1	6685	27A0
300	6.1	68A0	A12
100	2.1	6822	1A2A
A	.5	8A6	1826
?		BB 10	BB 10
[illegible]		[illegible]	
79	10 1/2	[illegible]	(27A7)
[illegible]	12	[illegible]	(25A22)
155	20	(3523)	(2)
81	10 1/2	(1523)	(2)
13	1 3/A	(902)	(A230)
1	5/8	(98)	(53)
11A	17 1/A	(15[illegible])	(5027)

TO MATCH Neutral Oil Std. #88

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Elastic

SPECIAL TESTS Shake sharply 10 times just prior to viscosity determination.

REX. NO. 1474 [illegible] 7-28-56

CARD NO. 25 [illegible]

DATE 7-20-56 Quality Control

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	" [illegible]	[illegible]
KENSINGTON C	"	
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062135

FORMULA RECORD 6

CONTROL LAB. Cleveland T. S. DATE 6-11-54 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 24

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
75	3.5	62C2	62C2
150	6.3	6232	312
300	11.1	6685	2140
300	6.1	6840	412
100	2.1	6822	1424
4	.5	846	1826
?		BB 10	BB 10
79	10 1/2	(27A7)	(27A7)
96	12	(25A22)	(25A22)
155	20	(1521)	(2)
81	10 1/2	(1521)	(2)
13	1 3/4	(902)	(4230)
4	5/8	(948)	(543)
114	17 1/4	(151)	(5027)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR.

WT./GAL T 14.38

GRIND 2H

OUTPUT 100

MFG. LOSS 2%

STOR. LOSS

SOLIDS

PARTICLES no

VISC 30± 2 sec. .075 deg. F

VISC on [illegible]

BLEED

DEPT. PKG.

MILL Roller LINING

RATE/HR LABEL ANALYSIS H

FLASH PT. 100°F LABEL: NO RED ☒: RED ☐

ROYAL [illegible] ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To improve brushing.

CARD NO

FORMULA [illegible] SHOP [illegible]

0007-SWP-062136

Disp. Lab 6-15-54

TO MATCH Neutral Oil Std. #88

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hr RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP _____

GLOSS Oil FILM Elastic

SPECIAL TESTS _____

REX. NO. 474 [illegible] 6-15-54

CARD NO. 24 [illegible]

DATE 6-11-54 [illegible]

DATE	SLIP NO.	AMOUNT
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	✓	
CLEVELAND A	✓	
KENSINGTON C	✓	
PAINT RESEARCH	✓	
KENS. TECH. SERV.	✓	
KENS. LACQUER		
NEWARK N	✓	
OAKLAND O	✓	
M. SENOUR M	✓	
DETROIT D	✓	
LOS ANGELES P	✓	
DALLAS T	✓	
DAYTON L	✓	
GIBBSBORO F	✓	
EXEC. MFG.	✓	
CUBA H	✓	
MONTREAL G	✓	
BUENOS AIRES Z	✓	
BRAZIL S	✓	
RES ADM	✓	
Mexico	✓	

0007-SWP-062137

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 10-28-53 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 23

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
200	8/4	6232	312
350	12.9	6685	2140
300	6.2	6840	412 or
		6842	413
100	2.1	6822	1424
?		BB 10	BB 10
4	1/2	(1960)	(5094)
97	12 1/2	(1521)	(2)
219	29 1/4	(2536)	(2536)*
155	20	(1521)	(2)
9	1 1/4	(902)	(4230)
5	3/4	(948)	(543)
55	8 1/4	(151)	(5027)
*	19	(2539)	(2539)
	10 1/4	(145)	(348)
SEE MFG. INSTRUCTIONS			

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. 4 gals (798) may replace 4 gals of (2) to improve flow. Up to 2 gals (348) is permitted to adust viscosity.

WT./GAL T 14.63 VISC. 28 - 2 sec. @75°F

GRIND 2H VISC. on #3 [illegible]

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. above LABEL ANALYSIS G

PARALLEL [illegible] PT. 100°F LABEL: NO RED ☒: RED ☐

No Parallel QUALITY: [illegible]: NO ☐ X ☐: W ☐

REASON FOR REVISION To replace (141) with (5027).

CARD NO.

FORMULATOR [illegible] SUPT. [illegible]

0007-SWP-062138

TO MATCH Neutral Oil Standard #88

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 24 days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Vern Philly

REX. NO. 474 [illegible] 11-5-53 [illegible]

CARD NO. 23 Trade Sales "

DATE 10-28-53 Quality Control "

DATE	SLIP NO.	AMOUNT
Paint Test	11-5-53	
Carlson	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY		FORMULA	SPEC. CARD
EXEC. COST DEPT.		"	
CLEVELAND	A	"	
KENSINGTON	C	"	11-5-53
PAINT RESEARCH		"	
KENS. TECH. SERV.		"	
KENS. LACQUER			
NEWARK	N	"	11-5-53
OAKLAND	O	"	
M. SENOUR	M	"	11-5-53
DETROIT	D	"	
LOS ANGELES	P	"	
DALLAS	T	"	
DAYTON	L	"	
GIBBSBORO	F	"	
EXEC. MFG.		"	
CUBA	H	"	
MONTREAL	G	"	
BUENOS AIRES	Z	"	
BRAZIL	S	"	[illegible]
RES ADM		"	
MEXICO		"	

0007-SWP-062139

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 6-19-53 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 22

POUNDS	GALLONS	MATERIAL NO.
200	8.4	312
350	12.9	2140
300	6.2	412 or 413
100	2.1	1424
?		BB 10
4	1/2	(5094)
97	12 1/2	(2)
219	29 1/4	(2536) or*)
155	20	(2)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
28	4 1/4	(5027)

SEE MFG. INSTRUCTIONS

* 19 gals (2539)
10 1/4 gals (348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. 4 gals (798) may replace 4 gals of (2) to improve flow. Up to 2 gals (348) permitted to adjust viscosity.

WT./GAL T 14.63 VISC. 28± 2 sec. 075 deg. F

GRIND 2 H VISCON #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. 23 PKG.

STOR. LOSS MILL Roller LINING

SOLID RATE/HR. LABEL ANALYSIS G

PARALLELS PLASH PT. LABEL: NO RED ☐: RED ☐

No Parallel ROYALTY: YES ☐: NO ☐ AX ☐ W ☐

CARD NO

REASON FOR REVISION Show use of (2536) and (2539) and adjust viscosity. And to correct Mfg. Instr.

FORMULATOR R B Thompson SUPT. [illegible]

0007-SWP-062140

TO MATCH Neutral Oil Std. #88

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Very Pleasant

REX. NO. 474 Handle-Byers 6-24-53

CARD NO. 22 Trade Sales "

DATE 6-19-53 Quality Control

DATE	SLIP NO.	AMOUNT
Paint Test	6-24-53	
Carlson	"	
Marchese	"	
Dyer	"	
Bromwell	"	
Schiff	"	

FACTORY	FORM 53	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	6-24-53
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	6-24-53
OAKLAND O	"	
M. SENOUR M	"	6-24-53
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062141

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 6-12-53 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 21

POUNDS	GALLONS	MATERIAL NO.
200	8.4	312
350	12.9	2140
300	6.2	412 or 413
100	2.1	1424
?		BB 10
4	1/2	(5094)
97	12 1/2	(2)
219	29 1/4	(2536) or *
155	20	(2)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
28	4 1/4	(5027)

See Mfg. Instructions:

*{19 gals (2539)
{10½ " (348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. 4 gals (798) may replace 4 gals of (2) to improve flow.

Up to 9 gal (348) permitted to adjust Viscosity

PBT 6-19-53

WT./GAL 14.63 VISC 28± 2 sec. 0.5 deg. F

GRIND 2H VISCON #3 cup

OUTPUT 100 BLEED 22

MFG. LOSS 2% DEPTH PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS G

PARALLELS FLASH P LABEL: NO RED ☐ X RED ☐

No Parallel ROYALTY: YES ☐; NO ☐; X ☐; W ☐

REASON FOR REVISION Show use of (2536) and (2539) and adjust Viscosity.

CARD NO

FORMULATOR PBThompson SUPT. [illegible]

0007-SWP-062142

TO MATCH Neutral Oil Std. #88

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Very Phil

REX. NO. 474 [illegible] 6-18-53

CARD NO. 21 Trash Sales "

DATE 6-12-53 Paint Test "

DATE	SLIP NO.	AMOUNT
Quality Control	6	18 53
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ROM	"	
MEXICO	"	

0007-SWP-062143

FORMULA RECORD 6

CONTROL LAB Cleveland T.S. DATE 3-12-53 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 20 Alt.A

POUNDS	GALLONS	MATERIAL NO.
200	8.4	312
350	12.9	2140
300	6.2	412 or 413
100	2.1	1424
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
152	19	(25A14)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
96	14 1/2	(5027)
SEE MFG. INSTRUCTIONS		

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. 4 gals of (798) may replace 4 gals of (2) to improve flow.

WT./GAL T-14.63 VISC. [illegible]

GRIND 2H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS

PARALLELS FLASH PT. LABEL: NO RED ☐: RED ☐

No Parallel ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To show (25A14) in place of (2538).

FORMULATOR [illegible] SUPT. [illegible]

CARD NO.

0007-SWP-062144

TO MATCH Neutral Oil Std. #88

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Phil 55

REX. NO. 5453 H.B. 3-23-53

CARD NO. 20 Alt. A Trans Sales

DATE 3-12-53 Quality Control

DATE	SLIP NO.	AMOUNT
T. Test	3-23-53	
Carlson	"	
Wauhan	"	
D. Dezo	"	
Bloomquist		
Schdeff	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	3-23-53
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	3-23-53
OAKLAND O	"	
M. SENOUR M	"	3-23-53
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	
MEXICO	"	

0007-SWP-062145

FORMULA RECORD 6

A135

CONTROL LAB. Cleveland T. S. DATE 10-5-52 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 20

POUNDS	GALLONS	MATERIAL NO.
200	8.4	6230 or 312
350	12.9	2140
300	6.2	412 or 413
100	2.1	68C2 or 1424 or 6828
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
219	29 1/4	(2538)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
28	4 1/4	(5027)
SEE REG. INSTRUCTIONS:		

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Std. #88

REASON FOR REVISION To replace 20 dry with 6230 dry.

VISCOSITY 30-38" @75°F AT HRS. AFTER GRIND

VISCOSITY on #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 14.63

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED G

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT. A.F.L.

0007-SWP-062146

MANUFACTURING INSTRUCTIONS:

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

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Phil 5-5

Vary Rex 474 5-4-53

DATE	SLIP NO.	AMOUNT
Mean - Burns		10-14-52
Frank Sales		"
Paul Fest		"
Art Andrews		"
Carlson		"
Warehouse		"
D Dutt		"
Blommaert		"
Schaff		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	10-14-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	10-14-52
OAKLAND O	"	
M. SENOUR M	"	10-14-52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

FORMULA RECORD 6

A133

CONTROL LAB Cleveland T. S. DATE 7-7-52 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 19

POUNDS	GALLONS	MATERIAL NO.
200	8.4	~~20~~ or 312
350	12.9	2140
300	6.2	412 or 413
100	2.1	68C2 or 1424 or
		6828
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
219	29 1/4	(2538)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
28	4 1/4	(5027)
SEE MFG. INSTRUCTIONS		

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Std. #88

REASON FOR REVISION To correct Label Analysis, on card #18 dated 6-18-52.

VISCOSITY 30-38" @75°F. AT ___ HRS. AFTER GRIND

VISCOSITY on #3 cup AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT./GAL T 14.63

BAUMÉ ___

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED G

LABEL: NO RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

MILL Roller BLEED? ___

LBS. OR GALS. PER HOUR ___

APPROVED ___

FORMULATOR ___

SUPT. 876

CARD NO.

0007-SWP-062148

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

1950-51 4014
96248

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Rex 474

DATE	SLIP NO.	AMOUNT
Mem - Beyers		7-8-52
Trade Sales		"
Trust Test		"
Ast Andrews		"
Carlson		"
Weinhorse		"
D Dyer		"
Bloomquist		"
Schaeff		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	7-8-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	
NEWARK N	"	7-8-52
OAKLAND O	"	
M. SENOUR M	"	7-8-52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

FORMULA RECORD 6

CONTROL LAB. Cleveland T. S. DATE 6-18-52 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 18

POUNDS	GALLONS	MATERIAL NO.
200	8.4	20 or 312
350	12.9	2140
300	6.2	412 or 413
100	2.1	6802 or 1424
		6828
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
219	29 1/4	(2538)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
28	4 1/4	(5027)
SEE MFG. INSTRUCTIONS		

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Std. #88

REASON FOR REVISION To show (2538) in place of (310). (2538) is (310) at 70% NVM.

VISCOSITY 30-38# 375 deg. F. HRS. AFTER GRIND

VISCOSITY on #3 CUP AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. 11.63

BAUM

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED A G

LABEL: NO. RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED

DATE RECD.

MILL Roller SEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

0007-SWP-062150

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

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

Rex 474

DATE	SLIP NO.	AMOUNT
Mary - Beyer		7-2-52
Frank Jones		"
Paul Fox		"
Art Andrews		"
Carlson		"
Mr. H.		"
D. Vint		"
Bloomquist		"
Schaeffer		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	7-2-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	7-2-52
OAKLAND O	"	
M. SENOUR M	"	7-2-52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 4-4-52 REV. NO. 474

NAME S W P Chelsea Gray CARD NO. 17

POUNDS	GALLONS	MATERIAL NO.
200	8.4	20 or 312
350	7.4	2140
300	11.1	412 or 413
100	2.1	68C2 or 1424
		6828
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
153	19	(310)
9	1 1/4	(4230)
5	3/4	(543)
27	4	(141)
96	14 1/2	(5027)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Std. #88

REASON FOR REVISION Reducing Total or leaded Zinc (Zinc 29%min).

VISCOSITY 30-38" @ 75° F. AT HRS. AFTER GRIND

VISCOSITY on #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 14.73

BAUME

STR. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED G

LABEL NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT. 876

0007-SWP-062152

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

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

474

DATE	SLIP NO.	AMOUNT
Mem. Buyers		4/22/52
Trade Sales		"
Paint Test		"
Art Andrews		"
[illegible]		"
M. Hanse		"
[illegible]		"
Blomgren		"
[illegible]		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4/22/52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	4/22/52
OAKLAND O	"	
M. SENOUR M	"	4/22/52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062153

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 2-26-51 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 16

POUNDS	GALLONS	MATERIAL NO.
440	9.1	412 or 413
325	12	2140
200	8.4	20 or 312
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
153	19	(310) or (48)
9	1 1/4	(901) or (900)
5	3/4	(543)
27	4	(141)
94	14 1/4	(5027)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #88

REASON FOR REVISION Replacing pure TiO_2 with Ti-Cal. Also replacing (348) with (5027)

VISCOSITY 30-38" 75° HRS. AFTER GRIND

VISCOSITY #3 cup HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 14.83

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROTAL? YES ☐ NO ☐

LABEL ANALYSIS CHECKED 4-2-51

LABEL: NO. RED ☐ RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT. 876

CARD NO

0007-SWP-062154

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

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

Rex 474

DATE	SLIP NO.	AMOUNT
Mercury	3-1-51	
Beyerg	"	
Trade Sales	"	
Schaaf	"	
Paint Sent	"	
Carlson	"	
Dept	"	
Warehouse	"	
Bloomquist	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	" Dup	6-15-51
KENSINGTON C	"	3-161
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	3-1-51
OAKLAND O	"	
M. SENOUR M	"	3-1-51
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL C	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062155

FORMULA RECORD

A135

CONTROL LAB Cleveland T.S. DATE 1/22/51 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 15

POUNDS	GALLONS	MATERIAL NO.
350	7.2	412 or 413
50	1.1	1424 or 6828 or
		1412
75	2.2	2174 or 1004
150	5.5	2140
300	12.6	20 or 312
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
153	19	(310) or (48)
9	1 1/4	(901) or (900)
5	3/4	(543)
27	4	(141)
98	15	~~(348)~~ (502)

CUSTOMER Sherwin Williams Co.

TO MATCH Neutral Oil Standard #88

REASON FOR REVISION Conserving 2174 dry with 2140 dry, showing 6828 dry as substitute for 1424 dry.

VISCOSITY 30-38" @75 deg. F. HRS. AFTER GRIND

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.49

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No parallel

ROYALTY: YES ☐; NO ☐; X ☐; V ☐

LABEL ANALYSIS CHECKED

LABEL: NO. RED ☒ RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR [signature]

SUPT. [signature]

0007-SWP-062156

MANUFACTURING INSTRUCTIONS:

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

APPLICATION: SURFACE Wood Ext.

NO. COATS One

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hr RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

474

DATE	SLIP NO.	AMOUNT
[illegible]	1-29-51	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1-29-51
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-29-51
OAKLAND O	"	
M. SENOUR M	"	1-29-51
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062157

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 1-11-51 REC. NO. 474

NAME S W P Chelsea Gray CARD NO. 14

POUNDS	GALLONS	MATERIAL NO.
350	7.2	412 or 413
50	1.1	1424 or 1412
125	3.6	2174 or 1004
40	9.5	2140
350	14.5	20 or 312
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
153	19	(310) or (48)
9	1 1/4	(901) or (900)
5	3/4	(543)
27	4	(141)
104	16	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Std #88

REASON FOR REVISION To show Sherwin-Williams Mfg. Driers and also Purchased Tallate Driers.

VISCOSITY 30-38" @75°F AT ___ HRS. AFTER GRIND

VISCOSITY on #3 Cup AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT./GAL T 14.39

BAUME ___

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S No parallel

ROYALTY: YES ☐ NO ☐ X ☐ W ☐

LABEL ANALYSIS CHECKED ___

LABEL: NO. RED ☐ RED ☐

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

MILL Roller BLEED? ___

OBS. OR GALS. PER HOUR ___

APPROVED ___

FORMULATOR [signature]

SUPT. [signature]

ARD NO.

0007-SWP-062158

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

APPLICATION: SURFACE Wood Ext.

NO. COATS One

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med Hard & Elastic

SPECIAL TESTS _____

Rex 474

DATE	SLIP NO.	AMOUNT
Mann	1-17-51	
Beyder	"	
T.S.	"	
P. Gent	"	
Schmidt	"	
Carlson	"	
E. Dunn	"	
D. Dorn	"	
Bloomquist	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1-17-51
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-17-51
OAKLAND O	"	
M. SENOUR M	"	1-17-51
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062159

FORMULA RECORD 6

AI35

CONTROL LAB Cleveland T. S. DATE 12-7-50 REV. NO. 474

NAME S W P Chelsea Gray CARD NO. 13

POUNDS	GALLONS	MATERIAL NO.
350	7.2	412 or 413
50	1.1	1424 or 1412
125	3.6	2174 or 1004
40	1.5	2140
350	14.5	20 or 312
?		BB 10
4	1/2	(5094)
251	32 1/2	(2)
153	19	(310) or (48)
9	1 1/4	~~(4230)~~ (90) or (900)
5	3/4	(543)
27	4	(141)
104	16	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #88

REASON FOR REVISION To increase Viscosity and conserve Titanium and leaded Zinc.

VISCOSITY 30-38" @75° F AT HRS. AFTER GRIND

VISCOSITY on #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.39

STD. FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐, NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED-DATE

LABEL: NO. REQ'D, RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED by

FORMULATOR

SUPT.

0007-SWP-062160

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

APPLICATION: SURFACE Wood Ext.

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 8-12hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elast.

SPECIAL TESTS _____

Rx 474

DATE	SLIP NO.	AMOUNT
[illegible]	12-14-50	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY		FORMULA	SPEC. CARD
EXEC. COST DEPT.		11	
CLEVELAND	A	11	
KENSINGTON	C	11	12-14-50
ALLIED RESEARCH		11	
KENS. TECH. SERV.		11	
KENS. LACQUER			
NEWARK	N	11	12-14-50
OAKLAND	O	11	
M. SENOUR	M	11	12-111-58
DETROIT	D	11	
LOS ANGELES	P	11	
DALLAS	T	11	
DAYTON	L	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	

0007-SWP-062161

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 5-17-50 REV. NO. 474

NAME S W P Chelsea Gray CARD NO. 12

POUNDS	GALLONS	MATERIAL NO.
440	9.1	412 or 413
137	3.9	2174 or 1004
325	13.7	20 or 312
?		BB 10
1	1/8	(324) *
4	1/2	(5094)
230	29 3/4	(2)
153	19	(48) or (310)
5	3/4	(543)
9	1 1/4	(4230)
27	4	(141)
130	20	(348)
* See	Mfg. Inst.	

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #88

REASON FOR REVISION To show Neutral Oil Standard #88

VISCOSITY 28-32" @ 75 deg.F. HRS. AFTER GRIND

VISCOSITY on #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.32

BAUME

STD. OR FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; V ☐

LABEL ANALYSIS CHECKED DATE 5-18

LABEL: NO. RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

0007-SWP-062162

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 6-8hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

Rx 474

DATE	SLIP NO.	AMOUNT
Merry	5/19/60	
Bergen	"	
T.S.	"	
DD	"	
Dexter	"	
Pfeil	"	
Schantz	"	
Edwards	"	
Carlson	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	5/19/60
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	5/19/60
OAKLAND O	"	
M. SENOUR M	"	5/19/60
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO		

0007-SWP-062163

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T.S. DATE 3/30/50 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 11

POUNDS	GALLONS	MATERIAL NO.
440	9.1	412 or 413
137	3.9	2174 or 1004
325	13.7	20 or 312
?		BB 10
1	1/8	(324) *
4	1/2	(5094)
230	29 3/4	(2)
153	19	(48) or (310)
5	3/4	(543)
9	1 1/4	(4230)
27	4	(141)
130	20	(348)
* See Mfg. Inst.		

CUSTOMER Sherwin Williams Co.

TO MATCH ~~Standard~~ Neutral Oil Std #88 PB 6-17-50

REASON FOR REVISION To show (310) as alternate for (48).

VISCOSITY 28-32 @ 75 deg. [illegible] HRS. AFTER [illegible]

VISCOSITY On #3 Cup [illegible] HRS. AFTER [illegible]

% SOLIDS (RUN)

WT./GAL. T 14.32

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No parallel

ROYALTY: YES ☐; NO ☐; X ☐; ✓ ☐

LABEL ANALYSIS CHECKED ✓

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE RECD

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR [illegible]

SUPT. [illegible]

CARD

0007-SWP-062164

474

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 6-8hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

DATE	SLIP NO.	AMOUNT
Mess	4/10/50	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4/14/50
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	4/10/50
OAKLAND O	"	
M. SENOUR M	"	4/14/50
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO		

FORMULA RECORD

A185

CONTROL LAB Cleveland T.S. DATE 12/1/49 REX. NO. 474

NAME S W P Chelsea Gray CARD NO. 10

POUNDS	GALLONS	MATERIAL NO.
440	9.1	412 or 413
137	3.9	2174 or 1004
325	13.7	20 or CW 2747
?		BB 10
1	1/8	(324) *
4	1/2	(5094)
230	29 3/4	(2)
153	19	(48) or (310)
5	3/4	(543)
9	1 1/4	(4230)
27	4	(141)
130	20	(348)
* See Mfg. Inst.		

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To show choice of leaded zinc and increase viscosity.

VISCOSITY 28-32" @75 deg. F. HRS. AFTER GRIND

VISCOSITY On #3 Cup HRS. AFTER GRIND

% SOLIDS (RUN)

GAL. T 14.32

VOLUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No parallel

ROYALTY: YES ☐ NO ☐ X ☐ W ☐

LABEL ANALYSIS CHECKED DATE 12-28-49

LABEL: NO. RED ☐ RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED? NO

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR [signature]

SUPT. [signature]

0007-SWP-062166

474

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 6-8hrs RECOAT 2-4days TENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

DATE	SLIP NO.	AMOUNT
Mann	12/6/49	
Byers	"	
[illegible]	"	
[illegible]	"	
Schwartz	"	
[illegible]	"	
MIKE	"	
Carlson	"	
D D	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	12/6/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	12/6/49
OAKLAND O	"	
M. SENOUR M	"	12/6/49
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBESBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO		

0007-SWP-062167

FORMULA RECORD 6

A133

CONTROL LAB Cleveland T.S. DATE 8/19/49 REV. NO. 474

NAME S W P Chelsea Gray CARD NO. 9

POUNDS	GALLONS	MATERIAL NO.
440		413 or 412
137		2174 or 1004
325		20 or CW 2747
?		BB 10
	29 3/4	(2)
	19	(310) } or *
	5 3/4	(348) }
	3/4	(543)
	1 1/4	(4230)
	4	(141)
	14 3/4	(348)
* 24 3/4 gal		(2398)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION Eliminating (12)W also allowing the use of 413 dry and (310)

VISCOSITY 25-30" @75 deg F. HRS. AFTER GRIND

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.32

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No parallel

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 [signature]

SUPT. [signature]

0007-SWP-062168

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

APPLICATION: SURFACE Wood Bldgs
NO. COATS One

UNDERCOATER USED Rx 450
METHOD I Brush
REDUCTION: AMOUNT _____ REDUCER USED _____
METHOD II _____
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 _____

474

DATE	SLIP NO.	AMOUNT
[illegible]	8/31/49	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

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	"	
M. SENOUR M	"	8/31/49
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO		

FORMULA RECORD 6

CONTROL LAB Cleveland T.S. DATE 6/6/49 REC. NO. 474

NAME S W P Chelsea Gray CARD NO. 8

POUNDS	GALLONS	MATERIAL NO.
175	3.7	414
265	5.4	511) or
	440#	412 \
137	3.9	2174 or 1004
325	13.7	20 or
	(200#	2203
	(100#	2201
?		BB 10
2	1/4	(12) W
227	29 3/8	(2)
150	19	(3321)
5	3/4	(543)
9	1 1/4	(4230)
133	20 1/2	(348)
27	4	(141)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To use (3321) in place of (48)

VISCOSITY 25-30" @ 75 deg F. HRS. AFTER GRIND

VISCOSITY On #3 Cup HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.30

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY: YES NO

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.

0007-SWP-062170

474

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

APPLICATION: SURFACE Wood Bldg
NO. COATS One

UNDERCOATER USED Rx 450
METHOD I Brush
REDUCTION: AMOUNT _____ REDUCER USED _____
METHOD II
REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 6-8hr RECOAT 2-4days STENCIL _____
HARD _____ SAND _____ HANDLE _____
TACK FREE _____ RUB _____ WRAP _____
BAKING TIME AND TEMP. _____
GLOSS Oil FILM Med. Hard & Elastic
SPECIAL TESTS _____

DATE	SLIP NO.	AMOUNT
[illegible]	7-2	6-49
[illegible]	6/9/49	
[illegible]	"	
[illegible]	"	
T-S	"	
D Dept	"	
Mike	"	
Carlson	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	6/9/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA N	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	[illegible]
MEXICO		

0007-SWP-062171

FORMULA RECORD 6

CONTROL LAB Cleveland T.S. DATE 1/28/49 REV. NO. 474

NAME S W P Chelsea Gray CARD NO. 7

POUNDS	GALLONS	MATERIAL NO.
175	3.7	414 } or
265	5.4	511 }
	440#	412
137	3.9	2174 or 1004
325	13.7	20 or
	200#	2203
	100#	2201
?		BB 10
2	1/4	(12)
227	29 3/8	(2)
153	19	(48)
5	3/4	(543)
9	1 1/4	(4230)
133	20 1/2	(348)
27	4	(141)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To eliminate B C T L

VISCOSITY 25-30" @75 deg F. HRS. AFTER GRIND

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.32

BALE #

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS %

DEPARTMENT

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

SUPT.

0007-SWP-062172

MANUFACTURING INSTRUCTIONS:
4 gal of (2) may be replaced with
4 gal of (798) to improve flow.

APPLICATION: SURFACE Bldgs
NO. COATS One
UNDERCOATER USED 450
METHOD I Brush
REDUCTION: AMOUNT _____ REDUCER USED _____
METHOD II _____
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 _____

474

DATE	SLIP NO.	AMOUNT
Lent	4/12/49	
Mem	2/1/49	
Beyder	"	
Carlson	"	
T-S	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	2/1/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	" Dath	4/12/49
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO		

0007-SWP-062173

FORMULA RECORD

CONTROL LAB Cleveland T.S. DATE 1/24/49 REG. NO. 474

NAME S W P Chelsea Gray CARD NO. 6

POUNDS	GALLONS	MATERIAL NO.
225	4.8	414
215	4.3	511
135	3.9	2174 or 1004
325	13.7	20 or
	200#	2203
	100#	2201
?		BB 10
2	1/4	(12)W
227	29 3/8	(72)
153	19	(48)
5	3/4	(543)
9	1 1/4	(4230)
133	20 1/2	(348)
27	4	(141)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To eliminate B.C.W.L.

VISCOSITY 25-30" @75 deg F. HRS. AFTER GRIND

VISCOSITY On #3 Cup HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 14.30

BAUME

STD. OF FINENESS 2H

NORMAL CUT

EST. MFG. LOSS

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY: YES ☐ NO ☐ W ☐

LABEL ANALYSIS CHECKED-DATE

LABEL NO. RED ☐, RED ☐

NEW STD. SAMPLE REQUIRED

DATE RECD

FILL

BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

CARD NO

0007-SWP-062174

MANUFACTURING INSTRUCTIONS:
4 mols (2) may be replaced with
4 mols of (798) to improve flow.

APPLICATION: SURFACE Bldgs

NO. COATS One

UNDERCOATER USED 459

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 _____

474

DATE	SLIP NO.	AMOUNT
Myers	1/26/49	
Boyer	"	
Taylor	"	
TS	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1/26/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADH	"	
MEXICO		

0007-SWP-062175

FORMULA RECORD A135 WHITE

Exp. No. _____ Date 4/21/48 Class 6 Rex. No. 474 4

Name S W P Chelsea Gray Card No. 5 Replaces No. 4

POUNDS	GALLONS	MATERIAL No.
315		20 F
125		2174
254		414
163		511
70		18
?		BB 10 see other side
2	1/4	(12)W
227 29	3/8	(2)
150 19		~~(3316)~~ (48)
5 1/4	3/4	(543)
9 1/4 1	1/4	(4230)
3 1/2	1/2	~~(4232)~~ (348)
130 20		(348)
27 4		(141)
315#	20E	or
194#	2203	
96#	2201	

Customer Sherwin Williams Co.

To Match Standard

Reason for Revision Improve durability by increasing zinc content per M & L's letter to SFC of 3/25/48; and use 511 for leaded zinc.

Viscosity 25-30" @75 Deg F. at ___ hrs. after grind

Viscosity On #3 Cup at ___ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 14.55

Baume _____

Std. of Fineness 2H

Normal Output 100

Est. Mfg. Loss 2%

Department _____

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 K. F. Sauer

Supt. SFC

0007-SWP-062176

MANUFACTURING INSTRUCTIONS: When using BW 102 substitute:

82# BW 102 } for { 70# 18 dry
28 gal (2) } for { 29 3/8 gal (2)
1/8 gal (12)W } for { 1/4 gal (12)W

4 gal of (2) may be replaced with*

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 6-8hr. **Recoat** 4-5days **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.

ab 5/21/48

DATE	SLIP No.	AMOUNT
Mary	5/5/48	
[illegible]	"	
Carlson	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	5/5/48
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		"	
Plant		"	
T-S		"	

0007-SWP-062177

A135 WHITE

FORMULA RECORD

Exp. No. [illegible] Date 9/18/47 Class 6 Rex. No. 474 Alt C

Name S W P Chelsea Gray Card No. 4 Replaces No. 3

POUNDS	GALLONS	MATERIAL No.	
325		20 L	
125		2174	
400		412	
70		18	
?		BB 10	
2	1/4	(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)	
130	20	(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 (19 gl (3316) / 24 3/8 gl (2) / 5 gl CW 2035) To use CW 2035 and conserve linseed.

Viscosity 25-30" @75 deg F. at hrs. after grind

Viscosity On #3 Cup at hrs. after grind

% Solids (Run) T 14.52

Wt./Gal.

Baume 24

Std. of Fineness 311

Normal Output 100

Est. Mfg. Loss 2%

Department

Package 5/48

Parallel No.

Royalty: Yes □; No □; X □; W □

Label Analysis Checked-Date

Label: No Red □; X Red □

New Std. Sample Required

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator

Supt.

DATE 6/5/48

0007-SWP-062178

MANUFACTURING INSTRUCTIONS: When using BW 102 and (48) use 82# of BW 102 in place of 70# of 18 dry use 13 gl of (2) in place 14 3/8 gl of (2) and 1/8 gl of 12W in place of 1/4 gl 12W. When using BW 102 and (3316) use 82# of BW102 in place of 70# of 18 dry use 23 gl of (2) in place of 24 3/8 gl of (2) use 1/8 gl of (12W) in place of 1/4 gl of 12W.

DATE	SLIP No.	AMOUNT
Merry	9-30-47	
Bayers	"	
Cotton	"	

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 permissable to replace up to 8 gl of (2) with 8 gl (798) to get proper flow.

cs 10/2/47 cs 4/6/48

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		"	
Plann		"	
F-S		"	

0007-SWP-062179

FORMULA RECORD

A135 WHITE

Exp. No. _____ Date 8/1/47 Class 6 Rex. No. 474 Alt B

Name SWP Chelsea Gray Card No. 4 Replaces No. 3

POUNDS	GALLONS	MATERIAL No.
165		20 L
280		2140
400		412
70		18
?		BB 10
2	1/4	(12)W
227	29 3/8	(2)
150	19	(3316)
5 1/4	3/4	(543)
9 1/4	1 1/4	(4230)
3 1/2	1/2	(4232)
130	20	(348)
27	4	(141)
165#	20 L	or
80#	1989	103# 2203
80	2201	or 51 2201

Customer S W Co.

To Match Std.

Reason for Revision To use only when 2174 is not available.

Viscosity 25-30" @ 75° On 3 Cup at hrs. after grind

Viscosity at hrs. after grind

% Solids (Run) T 14.43

Wt./Gal.

Baume 2H 3H

Std. of Fineness 100

Normal Output

Est. Mfg. Loss

Department

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

S.E.C.W

Supt.

0007-SWP-062180

MANUFACTURING INSTRUCTIONS: It is permissible to replace up to 4 gal (2) with (798) to get better flow.
When using BW 102:
Replace: 70# of 18 dry with 82# BW 102; 29 3/8 gal (2) with 28 gal (2) 1/4 gal 12W with 1/8 gal 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 6 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

d 10/2/47

DATE	SLIP No.	AMOUNT
	Cotton	
V. Mill	8-8-47	
Bryce	"	
Henry	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	8-8-47
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		"	
[illegible]		"	
[illegible]		"	

0007-SWP-062181

FORMULA RECORD A135 WHITE

Exp. No. ___ Date 7/31/47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No. 4 Replaces No. 3

POUNDS	GALLONS	MATERIAL No.
325		20 L
125		2174
400		412
70		18
?		BB 10
2	1/4	(12)W
227	29 3/8	(2)
150	19	(3316)
5 1/4	3/4	(543)
9 1/4	1 1/4	(4230)
3 1/2	1/2	(4232)
130	20	(348)
27	4	(141)
325#	20 L	or
156#	1989 or	200# 2203
156	2201	100 2201

Customer S W Co.

To Match Std.

Reason for Revision To use (3316) in place of 19 gal. (48)

Viscosity 25-30" @75° On 3 Cup hrs. after grind

Viscosity ___ at ___ hrs. after grind

% Solids (Run) ___

Wt./Gal. T 14.49

Baume ___

Std. of Fineness ~~3H~~ 2H

Normal Output 100

Est. Mfg. Loss 2%

Department ___

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 [signature]

Supt. S.F.C.W.

0007-SWP-062182

MANUFACTURING INSTRUCTIONS: It is permissible to replace up to 4 gal (2) with (798) to get better flow.
When using BW 102
Replace: 70# of 18 dry with 82# BW102; 29 3/8 gal (2) with 28 gal (2); 1/4 gal 12W with 1/8 gal 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 6 hrs. **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Med. Hard, Elastic
Special Tests

8/10/47

DATE	SLIP No.	AMOUNT
V Mills	8-8-47	
[illegible]	"	
[illegible]	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	8-8-47
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		"	
[illegible]		"	

0007-SWP-062183

FORMULA RECORD A135 WHITE

Exp. No. Date 9/18/47 Class 6 Rex. No. 474 Alt E

Name S W P Chelsea Gray Card No. 4 Replaces No. 3

POUNDS	GALLONS	MATERIAL No.
165		20 L
280		2140
400		412
70		18
?		BB 10
2	1/4	(12W)
152	19	(48)
110	14 3/8	(2) or
116	15	CW 2035
5 1/2	3/4	(543)
9 1/4	1 1/4	(4230)
3 1/2	1/2	(4232)
130	20	(348)
27	4	(141)
165#	20 L	or
80#	1989	103# 2203
80	2201	or 51 2201

Customer S W P

To Match Std.

Reason for Revision
19 gl (3316)
24 3/8 (2)
5 CW 2035

To use only when 2174 is not available.

Viscosity 25-30" @75 deg F. at hrs. after grind

Viscosity On #3 Cup at hrs. after grind

% Solids (Run)

Wt./Gal. T 14.47

Baume 2H

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department

Package

Parallel No.'s

Royalty: Yes □; No □; X □; W □

Label Analysis Checked-Date

Label: No Red □; Red □ X

10/2/47 4H.

New Std. Sample Required

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator

Supt.

VOID

DATE 2/5/48

0007-SWP-062184

MANUFACTURING INSTRUCTIONS: When using BW 102 and (48) use 82# BW 102 in place of 70# 18 dry use 13 gl of (2) in place of 14 3/8 gl of (2) and 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 70# of 18 dry, use 23 gl of (2) in place of 24 3/8 gl of (2) and 1/8 gl of 12W in place of 1/4 gl of 12W.

DATE	SLIP No.	AMOUNT
Mem	9-30-47	
Byers	"	
Cotton	"	

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 permissable to replace upto 8 gl of (2) with 8 gl of (798) to get proper leveling.

CS 10/2/47 CS 4/6/48

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		"	
Plaza		"	
T-3		"	

0007-SWP-062185

FORMULA RECORD

A135 WHITE

Exp. No. ____ Date 8/1/47 Class 6 Rex. No. 474 A1[illegible] A

Name SWP Chelsea Gray Card No. 4 Replaces No. 3

POUNDS	GALLONS	MATERIAL No.
325		20 L
125		2174
295		414
175		18
?		BB 10
2	1/4	(12) W
227	29 3/8	(2)
150	19	(3316)
5 1/4	3/4	(543)
9 1/4	1 1/4	(4230)
3 1/2	1/2	(4232)
130	20	(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 dry in place of 412.

Viscosity 25-30" @75° On 3Cup at ____ hrs. after grind

Viscosity ____ at ____ hrs. after grind

% Solids (Run) T 14.5

Wt./Gal. ____

Baume 24

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department ____

Package ____

Parallel No.'s ____

Royalty: Yes □; No □; X □; W □

Label Analysis Checked-Date ____

Label: No Red X; Red □

New Std. Sample Required ____

Date Rec'd ____

Mill Roller Bleed? ____

Lbs. or Gals. per hour ____

Approved ____

Formulator [signature]

S.F.C.W

Supt ____

MANUFACTURING INSTRUCTIONS: It is permissible to replace up to 4 gal of (2) with (798) to get proper flow.
When using BW 102
Replace: 175# 18 dry with 205# of BW 102; 29 3/8 gal (2) with 25 7/8 gal of (2); Take out 1/4 gal 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 6 hrs. **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Red. Hard, Elastic

Special Tests

8/10/47

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland A	"	
Kensington C	"	8-8-47
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	"	
	"	
	"	

000?-SWP-062187

FORMULA RECORD

A135 WHITE

Exp. No. 2 Date 9/18/47 Class 6-1 Rex. No. 474 -Alt D X

Name S W P Chelsea Gray Card No. 4 Replaces No. 3

POUNDS	GALLONS	MATERIAL No.
325		20 L
125		2174
295		414
175		18
?		BB 10
2	1/4	(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)
130	20	(348)
27	4	(141)
325#	20 L	or
156#	1989	or 200# 2003
156	2201	100 2201

Customer S W P

To Match 6td.

Reason for Revision To use 414 in place of 412.

(19 gl (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) T 14.51

Wt./Gal.

Baume 26

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department VOID

Package

Parallel Nos.

DATE 9/18/47

Royalty: Yes □; No □; X □; W □

Label Analysis Checked-Date

Label: No Red □; Red X 9/24/47 EJ

New Std. Sample Required

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator John Kiley

BY

Supt.

0007-SWP-062188

MANUFACTURING INSTRUCTIONS: When using BW 102 and (48) use 205# of BW 102 in place of 175# of 18 dry, 10 7/8 gl of (2) in place of 14 3/8 gl of (2) and take out 1/4 gl of 12W. When using BW 102 and (3316) use 205# of BW 102 in place of 175# of 18 dry use 20 7/8 gl of (2) in place of 24 3/8 gl of (2) and take out 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** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

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

CS 10/2/47 CS 4/6/48

DATE	SLIP No.	AMOUNT
Memo	9-30-47	
Beyers	"	
Cotton	"	

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		"	
[illegible]		"	

0007-SWP-062189

Attach to Rx 474 Card 3

165# 20 L or { 80# 1989
80# 2201

or { 103# 2203
51# 2201

3-21-47

0007-SWP-062190

All factories including V. Mills
Merry - Plann - F-S.
3-31-47

FORMULA RECORD A135 WHITE 9-46 3311 D

Exp. No. _____ Date 2-18-47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No. 3 Replaces No. 2

POUNDS	GALLONS	MATERIAL No.
165		20 L
280		2140
400		412
82		BW 102 70# 18dry
?		BB 10 1 3/8 Gal (5091)
		1/8 Gal (12W)
1	1/8	(12)W
216	28	(2)
~~152~~	~~19~~ 14	(48) (48) 6/24/47
	5	(2335) 4/8 3/4/47
5 1/4	3/4	(543)
13 1/4	1 1/4	(4230)
133	20 1/2	(348)
27	4	(141)

Customer S W Co.

To Match Std.

Reason for Revision To return to a higher linseed oil content.

Viscosity 25-30" 75° at _____ hrs. after grind

Viscosity On 3 Cup at _____ hrs. after grind

% Solids (Run) 44

Wt./Gal. 14.48

Baume

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department

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 [signature]

Supt. S F C

0007-SWP-062192

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 Oil Film Good, Hard, Elastic

Special Tests

S 5/9/47 S 6/24/47

DATE	SLIP No.	AMOUNT
Memo	2-21-47	
F. Mallo	2-24-47	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	2-21-47
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		"	
Plane		"	

0007-SWP-062193

FORMULA RECORD Alt. C. A135 WHITE 2-46 3311 D

Exp. No. Date 4-1-47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No 3 Replaces No 2

POUNDS	GALLONS	MATERIAL No.
275		20 L
81		2174
413		414
317		BW 102 or 272# 18 dry
?		BB 10 5 1/4 Gal (5091)- 1/2 Gal (12 W)
187	24 1/8	(2)
~~152~~	~~19~~ 29	(48) (48)
		(2325)
5 1/4	3/4	(543)
9 1/4	1 1/4	(4230)
127	19 1/2	(348)
27	4	(141)
275#	20 L or	133# 1989
		133# 2201
	or	170# 2203
		82# 2201

Customer

To Match

Corrects Alt. C. dated 3-26-47

Reason for Revision To use 414 in place of 412 in card 3 Alt. A

Viscosity 25-30" @ 75° at hrs. after grind

Viscosity On 3 Cup at hrs. after grind

% Solids (Run)

Wt./Gal 15.64

Baume

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department

Package

Parallel No.'s

Royalty: Yes ☐; No ☐; ☐; W

Label Analysis Checked

Label: No Red ☐; Red

New Std. Sample Required

Date Rec'd

Mill L Bleed?

Lbs. or Gals. per hour

Approved

Formulator Sam Huey

Supt. 876

0007-SWP-062194

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 6Hrs Recoat 4-5Days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard, Elastic

Special Tests

I 5/9/47 d 6/24/47

474 Alt. C.

DATE	SLIP No.	AMOUNT
V Mill	4-2-47	
Beyers	"	
Merry	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	4-2-47
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		"	
Flann		"	
T-S		"	

0007-SWP-062195

FORMULA RECORD Alt. B. A135 WHITE 9-46 3311 D

Exp. No. Date 3-26-47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No. 3 Replaces No. 2

POUNDS	GALLONS	MATERIAL No.
165		20 L
280		2140
306		414
191		BW 102 or 164# 18 —3-1/4 Gal (5091)
?		BB 10 3/8 (12)W
1	1/8	(12)W
202	26 1/8	(2)
~~152~~	~~19~~ 14	(48) also (48) 6/24
5 1/4	3/4	(543) 5 Gals (23.25)
9 1/4	1 1/4	(4230) 5/9/47
133	20 1/2	(348)
27	4	(141)
165# 20 L or		80# 1989
		80# 2201
	or	103# 2203
		51# 2201

Customer S W Co.

To Match Std.

Reason for Revision To use 414 in place of 412 in card 3

Viscosity 25-30" 75° at hrs. after grind

Viscosity On 3 Cup at hrs. after grind

% Solids (Run)

Wt./Gal. T 14.45

Baume 24.

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department

Package

Parallel No.'s

Royalty: Yes □; No □; X □; W □

Label Analysis Checked-Date

Label: No Red X □; Red □

New Std. Sample Required

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator Sam Huey

Supt. SFG

0007-SWP-062196

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 Oil Film Med. Hard, Elastic

Special Tests

S 5/9/42 4 6/6/42

DATE	SLIP No.	AMOUNT
Myers Mill	3-28-42	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	3-28-42
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		"	
Pharm		4	
T-S		"	

0007-SWP-062197

Attach to Rx 474 Car #3 Alt. A.

275# 20 L or { 133 1989
133 2201

or { 170# 2203
82# 2201

3-21-47

0007-SWP-062198

All factories including
V. Mills, Merz Plann,
Trade Sale
3-31-47

FORMULA RECORD Alt. A. A135 WHITE 9-48 3311 D

Exp. No. Date 2-18-47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No. 3 Replaces No. 2

POUNDS	GALLONS	MATERIAL No.	
275		20 L	
81		2174	
540		412	
169		BW 102	145#
?		BB 10	2 7/8 Gal (5091)
			1/4 Gal (12 W)
203	26 3/8	(2)	
152	19 1/4	(48) (48) 6/2/47	
	6	(2328) 6/9/47	
5 1/4	3/4	(543)	
13 1/4	1 1/4	(4230)	
130	20	(348)	
27	4	(141)	

Customer S W Co.

To Match Std.

Reason for Revision To conserve TiO_2

18 dry

Viscosity 25-30" @75° at hrs. after grind

Viscosity On 3 Cup at hrs. after grind

% Solids (Run)

Wt./Gal. 15.62

Baume

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department

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 Bleed?

Lbs. or Gals. per hour

Approved

Formulator

Supt. AFL

0007-SWP-062200

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 6Hrs Recoat 4-5Days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard, Elastic

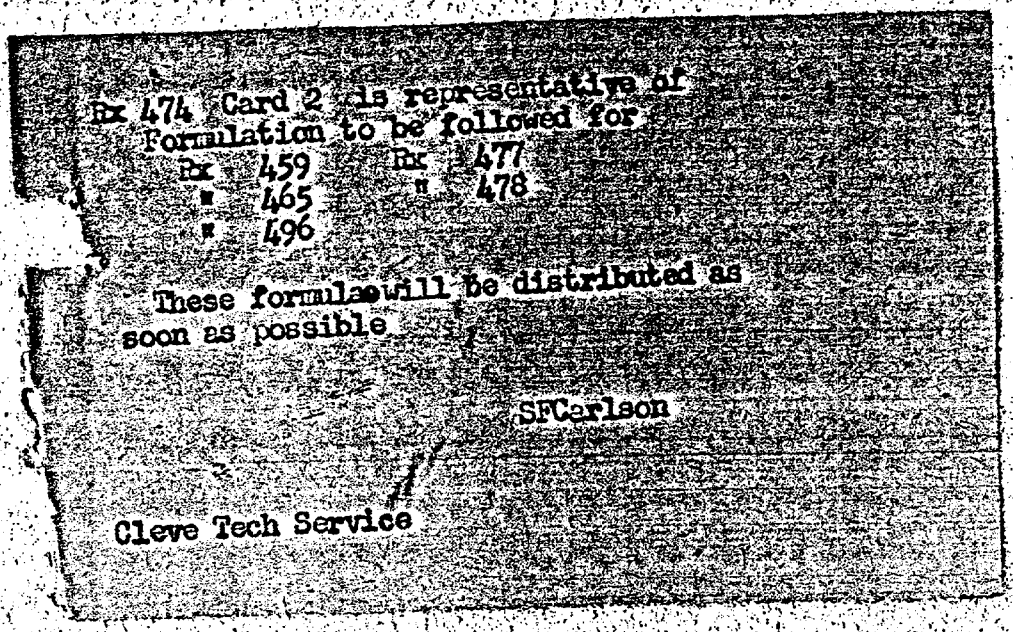
Special Tests

cS 5/9/47 cS 6/24/48

DATE	SLIP No.	AMOUNT
Mary	2-21-47	
Milo	2-24-47	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	2-21-48
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		"	
Plan		"	
F-S		"	

0007-SWP-062201



Rx 474 Card 2 is representative of Formulation to be followed for

Rx 459 Rx 477
" 465 " 478
" 496

These formulas will be distributed as soon as possible

SFCarlson

Cleve Tech Service

0007-SWP-062202

FORMULA RECORD

A135 WHITE 9-46 3311 D

Exp. No. _____ Date 2-6-47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No. 2 Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
325		20 L
125		2174
400		412
82		BJ 102 or (70% Lead & 1-3/6Gal (5091)
½ ?		BB 10 1/8 Gal (12)W To conserve Linseed Oil
½ 1	1/8	(12)W
31	4	(798)
147	19	(3)
191	24	(3316)
5 1/4	3/4	(543)
9 1/2	1 1/4	(4230)
3 1/2	9/16	(4232)
130	20	(348)
27	4	(141)

Customer S W Co.

To Match Std.

Reason for Revision

Viscosity 25-30" @75° at _____ hrs. after grind

Viscosity On 3 Cup at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 14.43

Baume _____

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2%

Department _____

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 _____

Supt. 876

0007-SWP-062203

MANUFACTURING INSTRUCTIONS:

If Formula gives too much flow replace (798) with (2).

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

Undercoater Used Rex 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10hrs **Recoat** 1-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

Special Tests Visc. 85-90 Krebs Units using Stormer Visc. with forked paddle.

474

DATE	SLIP No.	AMOUNT
Mlm	2-7-47	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	2-7-47
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		"	

[signature]

0007-SWP-062204

FORMULA RECORD Alt. B. A135 WHITE 9-46 U D

Exp. No. _____ Date 2-6-47 Class 6 Rex. No. 474

Name S W P Chelsea Gray Card No. 2 Replaces No. 1

POUNDS	GALLONS	MATERIAL No.
275		20 L
81		2174
540		412
169		BW 102 or (145# Lead + 2 7/8 Gal (5091)
?		BB 10 1/4 Gal (12)W
31	4	(798)
135	17 1/2	(2)
191	24	(3316)
5-1/4	3/4	(543)
9-1/2	1 1/4	(4230)
3-1/2	9/16	(4232)
127	19 1/2	(348)
27	4	(141)

Customer S W Co.

To Match Std.

Reason for Revision

To conserve TiO_2

Viscosity 25-30" 075° at _____ hrs. after grind

Viscosity On 3 Cup at _____ hrs. after grind

% Solids (Run)

Wt./Gal. T 15.60

Baume

Std. of Fineness 3H

Normal Output 100

Est. Mfg. Loss 2

Department

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 NO Bleed?

Lbs. or Gals. per hour

Approved

Formulator Sam Huey

Supt. 876

MANUFACTURING INSTRUCTIONS:
If Formula gives too much flow replace (798) with (2).

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

Method 1 Brush
Reduction: Amount **Reducer Used**
Method 2
Reduction: Amount **Reducer Used**

Drying Time: Touch 10hrs **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Med. Hard, Elastic
Special Tests Visc. 85-90 Krebs Units using Stormer Visc. with forked paddle.

474

DATE	SLIP No.	AMOUNT
[illegible]	2-7-47	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	2-7-47
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		"	
[illegible]		"	
1-5		"	

0007-SWP-062206

FORMULA RECORD A135 WHITE 1-45 3043

Exp. No. _____ Date 8-22-45 Class 6 TS Rex. No. 474

Name S W P Chelsea Gray Card No. 1 Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
325		20 L
125		2174
400		412
82		BW 102-over
?		BB 10
	1/8	(12)W
	28	(2)
	19	(48)
	3/4	(543)
	1 1/4	(5230)
	20 1/2	(348)
	4	(141)

Customer S.W.CO.

To Match STD.

3.74 lb oil/B a.m. 9-7-45

Reason for Revision per letter V.Mills 7/30/45 Subj. Re-Aligning Trade Sales Rex.-numbers.

SUPERSEDES REX-370

Viscosity 25-30" @75° #3 at SW hrs. after grind

Viscosity _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 14.49

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 yes

Date Rec'd _____

Mill Roller Bleed? _____

Lbs. or Gals. per hour _____

Approved Formulator Wm Budzeck

Supt. ABH

0007-SWP-062207

MANUFACTURING INSTRUCTIONS:

62# BW 102 { 70# Lead
1 3/8 Gls (5C91)
1/8 gl(12)#

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 6-8 hr Recoat 5 da Stencil
Hard Sand Handle
Tack Free Rub Wrap
Baking Time and Temp.
Gloss Oil Film Med. Hard, Plastic
Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		9-7-45	
Cleveland	A	9-6-45	
Kensington	C	"	9-7-45
Allied Research		"	
Kens. Tech. Serv.		"	
Kens. Lacquer			
Newark	N	"	
Oakland	O	"	
M. Senour	M	"	
Detroit	D	"	
Los Angeles	P	"	
Dallas	T	"	
Dayton	R	"	
Gibbsboro	F	"	
Pittsburgh	H		
Cuba	V	"	
Montreal		"	
Buenos Aires	Z	"	
Brazil		"	
75		"	

C007-SWP-062208

FORMULA RECORD Alt. C. A135 2-44 315

Exp. No. Date 11-16-45 Class 6 TS Rex. No. 474

Name S W P Chelsea Gray Card No. 1 Replaces No.

POUNDS	GALLONS	MATERIAL No.
325		20 L
125		2174
260		2295
140		18
82		BW 102
?		BB 10
	28	(2)
	19	(48)
	3/4	(543)
	1 1/4	(4230)
	20 1/2	(348)
	4	(141)

USE ONLY IN RECONVERSION EMERGENCY EXCESS COST

Customer S.W.CO.

To Match STD.

Reason for Revision Preferred alt. use of aciculer zinc oxide [illegible]ite lead carbonate during present shortage of [illegible] dry

Viscosity 26-30" [illegible] #3 at hrs. after grind

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal. T 14.52

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 X; Red □

New Std. Sample Required No

Date Rec'd

Mill Roller Bleed?

Lbs. or Gals. per hour

Approved

Formulator Wm Budziak

Supt. A B [illegible]

0007-SWP-062209

MANUFACTURING INSTRUCTIONS:

82# BW 102 { 70# Lead
1 3/8 gl (12)291)
1/8 gl (12)W

Application: Surface Buildings No. Coats one
Undercoater Used Rex-450 No. Coats

Method 1 Brush
Reduction: Amount Reducer Used
Method 2
Reduction: Amount Reducer Used

Drying Time: Touch 10hrs Recoat 4-5days Stencil
Hard Sand Handle
Tack Free Rub Wrap
Baking Time and Temp.
Gloss Oil Film Med. Hard, Elastic
Special Tests Visc. 85-90 Krebs Units using Stormer Visc. with forked paddle.

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		11-24-45	
Cleveland	A	"	
Kensington	C	"	11-24-45
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		"	

0007-SWP-062210

FORMULA RECORD Alt. B. A135 2-44 3151

Exp. No. _____ Date 11-9-45 Class 6 TS Rex. No. 474

Name S W P Chelsea Gray Card No. _____ Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
300		20 L
150		2031
260		2059
245		BW 102-over)
?		BB 10
	25 1/4	(2)
	19	(48)
	3/4	(543)
	1 1/4	(4230)
	20 1/2	(348)
	4	(141)

USE ONLY IN RECONVERSION EMERGENCY EXCESS COST

Customer S.W.CO.

To Match STD.

Reason for Revision Alt. use of 2031, 2059 & BW 102 if 2174 as well as 412 dry are not available.

Viscosity 26-30" @75° #5 at _____ hrs. after grind

Viscosity _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 14.55

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 X; Red □

New Std. Sample Required No

Date Rec'd _____

Mill Roller Bleed? _____

Lbs. or Gals. per hour _____

Approved

Formulator [signature]

Supt. [signature]

0007-SWP-062211

MANUFACTURING INSTRUCTIONS:

245# of 210# Lead
BW 102 } 4 1/8 gl ~~(5091)~~ (5091)
equals } 3/8 gls (12)W

Application: Surface Buildings **No. Coats** one
Undercoater Used Rex-450 **No. Coats**

Method 1 Brush
Reduction: Amount **Reducer Used**
Method 2
Reduction: Amount **Reducer Used**

Drying Time: Touch 10hrs **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Med. Hard, Elastic
Special Tests Visc. 85-90 Krebs Units using Stormer Visc. with forked paddle

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		11-14-45	
Cleveland	A	"	
Kensington	C	11-12-45	11-12-45
Allied Research		11-14-45	
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		"	
75		"	

0007-SWP-062212

	25 1/4	(2)
	19	(48)
	3/4	(543)
	1 1/4	(4230)
	20 1/2	(348)
	4	(141)

USE ONLY IN RECONVERSION EMERGENCY
EXCESS COST 3¢

Viscosity 26-30" @ 75° F #3 at ... hrs. after grind
Viscosity ... at ... hrs. after grind
% Solids (Run) ...
Wt./Gal. T 14.50
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 □ X
New Std. Sample Required No
Date Rec'd ...
Mill Roller Bleed? ...
Lbs. or Gals. per hour ...
Approved
Formulator Wm Budziak
Supt. ABL

MANUFACTURING INSTRUCTIONS:

218# of BW 102 equals { 210# Lead, 4 1/8 gl (8091), 3/8 gls (12)W

Application: Surface Buildings **No. Coats** one

Undercoater Used Rex-450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

Special Tests Visc. 85-90 Kreb Units using Stormer Visc. with forked paddle.

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		11-14-45	
Cleveland	A	"	
Kensington	C	"	11-14-45
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		"	
72		"	

0007-SWP-062214