

420

CARD NO. 10

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L	CUSTOMER
200	8.4	6232	312	Sherwin-Williams Co.
350	12.9	6685	2140	MFG. INSTR. 4 gals of (798) may replace
300	6.2	6840	112	4 gals (2) to improve flow, Up to
100	2.1	6822	1124	2gals of (348) permitted to adjust
?	BB 10,	BY 40,BG	8	viscosity,
4	1/2	(1960)	(5094)	WT./GAL. T 14.6
155	20	(1521)	(2)	GRIND 2H
219	29 1/4	(2536)	(2536) *	OUTPUT 100
97	12 1/2	(1521)	(2)	MFG. LOSS 2%
9	1 1/4	(902)	(1230)	STOR. LOSS
5	3/4	(918)	(513)	SANDS
53	8	(151)	(5027)	PARALLEL
19		(2539)	(2539)	NO PARALLEL
10 1/4		(145)	(348)	REASON FOR REVISION
See Mfg. Instructions				

Special Tests

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	1-74-42	
Cleveland — A	1	
Kensington — C		
Allied Research	4	
Kens. Tech. Serv.		
Kens. Lacquer —		
Newark — N	1	
Oakland — O	1	
M. Senour — M	1	
Detroit — D	1	
Los Angeles — P	1	
Dallas — T	1	
Dayton — B	1	
Gibbsboro — F	1	
Pittsburgh — H		
Cuba — V	1	
Montreal	1	
Buenos Aires — Z	1	
<i>El Laurente</i>	1	

FORMULA RECORD			6
CONTROL LAB		Cleveland T. S.	DATE 4-4-52
NAME		S W P Shadow Gray	REX NO. 120
			CARD NO. 6
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin-Williams Co.
200	8.4	20 or 312	TO MATCH Standard
350	12.9	2140	
300	6.2	412	
100	2.1	68C2 or 1424	REASON FOR REVISION Reducing total
		6828	or leaded Zinc (Zinc 29% min).
?		BY 40	
?		BB 10	
?		BG 8	
4	1/2	(5094)	VISCOSITY 30-38" 275°F AT HRS. AFTER GRIND
251	32 1/2	(2)	VISCOSITY on #3 cup AT HRS. AFTER GRIND
153	19	(310)	% SOLIDS (RUN) ROYALTY YES ☒ NO ☐ W
9	1 1/4	(4230)	WT./GAL T 14.65 LABEL ANALYSIS CHECKED ☒
5	3/4	(543)	BAUME LABEL NO. RED ☐ RED ☐
27	4	(141)	STD. OF FINENESS 2H NEW STD. SAMPLE REQUIRED
93	14 1/4	(348)	NORMAL OUTPUT 100 DATE REC'D
			EST. MFG. LOSS 2% MILL Roller BLEED?
			DEPARTMENT L.S. OF GALS. PER HOUR
			PACKAGE APPROVED
			PARALLEL NO.'S FORMULATOR
			No Parallel
			SUPT. 876

MANUFACTURING INSTRUCTIONS: formula based on
414 dry with composition of 85%
zinc oxide & 15% lead sulphate.
If shipments of 414 are off, recalculate
formula.

Application: Surface Edges No. Coats Good
Undercoater Used _____ No. Coats _____

Method 1 Brush

Reduction: Amount _____ Reducer Used _____

Method 2 _____

Reduction: Amount _____ Reducer Used _____

Drying Time: Touch _____ Recoat _____ Stencil _____

Hard _____ Sand _____ Handle _____

Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp. _____

Gloss off Film tough & hard

Special Tests _____

DATE	SLIP NO.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	<u>12-31-41</u>	
Cleveland	A	
Kensington	C	
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	
<u>Gloucester</u>	"	

A133

DATE 2-26-51

REL NO. 420

NAME S W P Shadow Gray

CARD NO. 5

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FORMULA RECORD			
CONTROL LAB		Cleveland T.S.	DATE 1/22/51
NAME		S W P Shadow Gray	REX NO. 420
			CARD NO. 4
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin Williams Co.
350	7.2	412 or 413	TO MATCH Standard
50	1.1	1424 or 6828 or	
		1412	REASON FOR REVISION conserving 2174 dry
75	2.2	2174 or	with 2140 dry, showing 6828 dry as
		1004	substitute for 1424 dry.
150	5.5	2140	
300	12.6	20 or 312	VISCOSITY 30-38" @ 75 deg F. HRS. AFTER GRIND
?		BY 40	VISCOSITY On #3 Cup AT HRS. AFTER GRIND
?		BB 10	% SOLIDS (RUN) 37
?		BG 8	WT./GAL T 14.49
4	1/2	(5094)	BAUME
251	32 1/2	(2)	STD. OF FINENESS 2H
153	19	(310) or (48)	NORMAL OUTPUT 100
			EST. MFG. LOSS 2%
9	1 1/4	(901) or (900)	DEPARTMENT
5	3/4	(543)	PACKAGE
27	4	(141)	PARALLEL NO.'S
98	15	(348)	No parallel
			ROYALTY: YES ☐ NO ☒ NOTE: ☐ OF ☐ ☐
			LABEL ANALYSIS CHECKED
			LABEL NO. RED ☐ RED ☐
			NEW STD. SAMPLE REQUIRED
			DATE REC'D
			MILL Roller BLEED?
			LBS. OR GALS. PER HOUR
			APPROVED
			FORMULA
			SUPT.

MANUFACTURING INSTRUCTIONS:

Application: Surface Bldgs. No. Coats Good 2

Undercoater Used _____ No. Coats _____

Method 1 Brush

Reduction: Amount _____ Reducer Used _____

Method 2 _____

Reduction: Amount _____ Reducer Used _____

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

Hard _____ Sand _____ Handle _____

Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp. _____

Gloss Oil Film Tough & hard

Special Tests _____

DATE

SLIP NO.

AMOUNT

FACTORY

FORMULA

SPEC. CARD

Exec. Cost Dept. 7-31-41

Cleveland A

Kensington C

Allied Research 1

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 11

Buenos Aires Z

Blanchet

FORMULA RECORD

CONTROL LAB Cleveland T. S. DATE 1-5-51 REL NO. 420
NAME S W P Shadow Gray CARD NO. 3

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin-Williams Co.
350	7.2	412 or 413	TO MATCH Standard
50	1.1	1424 or 1412	
125	3.6	2174 or 1004	REASON FOR REVISION To show Sherwin-
40	1.5	2140	Williams Mfr. Driers and also
350	14.7	20 or 312	Purchased Tallate Driers.
?		BY 40	
?		BB 10	VISCOSITY 30-38" @ 75°F AT HRS. AFTER GRIND
?		BG 8	VISCOSITY ON 73 sup HRS. AFTER GRIND
4	1/2	(5094)	% SOLIDS (RUN) ROYAL W. VES. NO. 1, X P. V. 1
251	32 1/2	(2)	WT./GAL T 14.39 LABEL ANALYSIS CHECKED
153	19	(310) or (48)	BAUME LABEL NO. RED 1, RED 2
9	1 1/4	(901) or (900)	STD. OF FINENESS 2H NEW STD. SAMPLE REQUIRED
5	3/4	(543)	NORMAL OUTPUT 100 DATE REC'D
27	4	(141)	EST. MFG. LOSS 2% MILK ROLLER BLEED?
104	16	(348)	DEPARTMENT LES. OR GALS. PER HOUR
			PACKAGE APPROVED
			PARALLEL NO.'S FORMULATED
			No Parallel
			SUPT. 871

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____
 Application: Surface Blades Method Brush
 No. Coats Good 2 Undercoater Used _____
 Drying Time: Touch 10 hrs Handle _____ Recoat 4-5 days
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp. _____
 Gloss Oil Film Tough & hard
 Special Tests _____

PRODUCTION		
DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>7-1-41</u>			ALLIED RESEARCH	<u>7-1-41</u>		
NEWARK	"			GIBBSBORO	"		
KENSINGTON	"			DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			ARGENTINE	"		
LOS ANGELES	"			CUBA	"		
MONTREAL	"			M-S	"		
COST DEPT	"			CHI. TECH. SERV.	"		

20 samples

FORMULA RECORD 6

A133

CONTROL LAB Cleveland T. S.

DATE 12-7-50

REL. NO. 420

NAME S W P Shadow Gray

CARD NO. 2

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
350	7.2	412 or 413	Sherwin-Williams Co.
50	1.1	1424 or 1412	TO MATCH Standard
125	3.6	2174 or 1004	REASON FOR REVISION To increase Viscosity
40	1.5	2140	and conserve titanium and leaded
350	14.7	20 or 312	zinc
?		BY 40	
?		BB 10	
?		BG 8	
4	1/2	(5094)	VISCOSITY 30-38" @ 75° F AT 12 HRS. AFTER GRIND
251	32 1/2	(2)	VISCOSITY on #3 cup AT 12 HRS. AFTER GRIND
153	19	(310) or (48)	% SOLIDS (RUN) ROYALTY: YES ☐ ; NO ☐ ; X ☐ ; W ☐
			WT./GAL T 14.39 LABEL ANALYSIS CHECKED-DATE
			BAUME LABEL NO. RED ☐ ; RED ☐
			STD. OF FINENESS 2H NEW STD. SAMPLE REQUIRED
9	1 1/4	(4230) (90)	DATE REC'D
5	3/4	(543)	MILL Roller BLEED?
27	4	(141)	LBS. OR GALS. PER HOUR
104	16	(348)	APPROVED
			FORMULATOR
			SUPT.
			PARALLEL NO.'S No Parallel

0007-SWP-061640

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____
 Application: Surface Bldgs. Method Brush
 No. Coats Good-2 Undercoater Used _____
 Drying Time: Touch 10 hrs Handle _____ Recoat 4-5 days
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp. _____
 Gloss Oil Film Tough and hard.
 Special Tests _____

PRODUCTION		
DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>4-10-41</u>			ALLIED RESEARCH	<u>4-10-41</u>		
NEWARK	"			GIBBSBORO	"		
KENSINGTON	"			DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			ARGENTINE	"		
LOS ANGELES	"			CUBA	"		
MONTREAL	"			M-S	"		
COST DEPT.	"			CHL TECH. SERV.	"		

N. J. Saunders
Gloucester

FORMULA RECORD - 6			X-135	
CONTROL LAB		Cleveland T. S.	DATE	10-6-50
NAME		S W P Shadow Gray	REX NO.	420
			CARD NO.	1
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin-Williams Co.	
440	9.1	412	TO MATCH Std. <i>61</i>	
137	3.9	2174	REASON FOR REVISION	
325	13.7	20	New Rex Assignment. Old	
?		BY 40	Number H 9717	
?		BB 10	VISCOSITY 28-32" 275°F. AT HRS. AFTER GRIND	
?		BG 8	VISCOSITY ON #3 CUP HRS. AFTER GRIND	
4	1/2	(5094)	% SOLIDS (RUN)	
230	29 3/4	(2)	WT./GAL T 14.33	
153	19	(48) or (310)	BAUME	
			STD. OF FINENESS 2H	
9	1 1/4	(4230)	NORMAL OUTPUT 100	
5	3/4	(543)	EST. MFG. LOSS 2%	
27	4	(141)	DEPARTMENT	
130	20	(348)	PACKAGE	
			PARALLEL NO.'S	
			No Parallel	
			FORMULATOR <i>[Signature]</i>	
			SUPT. <i>87.6</i>	

