FORMULA RECORD 6

A185

CONTROL LAB Cleveland T. S. DATE 6-18-54 REX. NO. 471 - 5

NAME S W P Gloss White CARD NO. 78

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
65	3	6202	6202
175	7.4	6232	312
50	1.5	6600	1403
50	1.5	6603	2030
300	6.2	6840	412
100	2.1	6822	1424
150	5.5	6680	2132
4	.5	846	1826
79	10 1/2	(27A7)	(27A7)
170	22	(1521)	(2)
66	10	(151)	(5027)
77	10	(1521)	(2)
96	12	(25A22)	(25A22)
13	1 3/4	(902)	(4230)
4	5/8	(948)	(543)
51	7 3/4	(151)	(5027)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR.

WT./GAL. 14.17 VISC. * 30± 2 sec. 675°F

GRIND 2-3H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

PDR. LOSS MILL Roller CLEANING

SOLIDS RATE/HR. LABEL ANALYSIS AT

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

F51 WT ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To adjust viscosity spec.

FORMULATOR R B Thompson SUPT. [illegible]

FOR INFO

TO MATCH Standard

APPLICATION: SURFACE Wood Ext.

NO. COATS 1 & 2

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 El astic

SPECIAL TESTS * Shake sharply 10 times just prior to Viscosity determination

6-30-54

REX. NO. 171 Hurdle form 6-30-54

CARD NO. 78 Trade Sales "

DATE 6-18-54 Quality Control

Paint	Test	AMOUNT
Paint	"	
Dryer	"	
Bonnyfiber	"	
Schuff	"	
Pittsburgh	"	
Strong	"	

FACTORY		FORMULA	SPEC. CARD
EXEC. COST DEPT.		"	
CLEVELAND	A	" Aug 8-17-54	
KENSINGTON	C	"	6-30-54
PAINT RESEARCH		"	
KENS. TECH. SERV.		"	
KENS. LACQUER			
NEWARK	N	"	6-30-54
OAKLAND	O	"	
M. SENOUR	M	"	6-30-54
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-061901

FORMULA RECORD 6

A135

CONTROL LAB. Cleveland T. S. DATE 6-10-54 REV. NO. 471

NAME S W P Gloss White CARD NO. 77

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L
65	3	62C2	62C2
175	7.4	6232	312
50	1.5	6600	1403
50	1.5	6603	2030
300	6.2	6840	412
100	2.1	6822	1424
150	5.5	6680	2132
4	.5	846	1826
79	10 1/2	(27A7)	(27A7)
170	22	(1521)	(2)
66	10	(151)	(5027)
77	10	(1521)	(2)
96	12	(25A22)	(25A22)
13	1 3/4	(902)	(4230)
4	5/8	(948)	(543)
51	7 3/4	(151)	(5027)

CUSTOMER Sherwin-Williams Co. CR

MFG. INSTR.

6-21-54 RCT

± 30 ± 2 sec

WT./GAL. T [illegible] VISC. 28-32 [illegible] 075 deg. F

GRIND 2-3 [illegible] VISC. #3 Cup [illegible]

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS AI

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

F51 W1 ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION Improve brushing. To adjust viscosity spec.

FORMULATOR R B Thompson SUPT. [illegible]

CARD NO.

0007-SWP-061902

TO MATCH Standard

APPLICATION: SURFACE Wood Ext. NO. COATS 1 & 2

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. 171 Tracy Lab. 6-15-54

CARD NO. 77 Quality Control

DATE 6-10-54 Paint Dept.

DATE	SLIP NO.	AMOUNT
Sales		
Dept		
Engineering		
Staff		
Staff		
Philippine		
Spec		

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	6-15-54
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	6-15-54
OAKLAND O	"	
M. SENOUR M	"	6-15-54
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	

FORMULA RECORD 6

CONTROL LAB. Cleveland T.S. DATE 3-30-54 REX. NO. 471

NAME S W P Gloss White CARD NO. 76

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
65	3	6202	6202
210	8.8	6232	312
175	6.5	6680	2132
50	1.5	6600	1403
50	1.5	6603	2030
300	6.2	6840	412
100	2.1	6822	1424
2	.1	6210	6274
139	18	(1521)	(2)
165	22	(2536)	(2536)*
157	20	(2702)	(798)
13	1 3/4	(902)	(4230)
4	5/8	(948)	(543)
67	10 1/4	(151)	(5027)
*11	1/2 gals	(2539)	(2539)
(7	1/2 gals	(145)	(348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. Do not use additives to influence viscosity.

WT./GAL. 14.62 VISC. 28± 2 sec @ 75° F

GRIND 2-3H VISC.

OUTPUT 100 BLEED

MFG. LOSS DIST. PKG.

STOR. LOSS FILL. TINING

SOLIDS RATE/HR. LABEL ANALYSIS AH

PARALLELS FLASH PT. 100°F LABEL: NO SEDIMENT

F51 ROYALTY: YES ☐; NO ☐; X ☐; W ☐

REASON FOR REVISION To reduce 412 dry.

FORMULATOR SUPT.

ARDMO

0007-SWP-061904

TO MATCH Standard

APPLICATION: SURFACE Wood Int.

NO. COATS 1 & 2

UNDERCOATER USED Holtz 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM _____

SPECIAL TESTS _____

4-2-54

REX NO. 471 4-2-54

CARD NO. 76

DATE 3-30-54

Peter Lee	NO.	AMOUNT
Taylor	"	
Bragg	"	
Schaff	"	
Lee	"	
Miles	"	
Vieno	"	
FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4-2-54
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	4-2-54
OAKLAND O	"	
M. SENOUR M	"	4-2-54
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-061905

FORMULA RECORD 6

CONTROLLAR Cleveland T. S. DATE 10-29-53 REX. NO. 471

NAME S W P Gloss White CARD NO. 75

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L
65	3	62C2	62C2
185	7.8	6232	312
175	6.5	6680	2132 ✓
50	1.5	6600	1403 ✓
50	1.5	6603	2030 ✓
325	6.7	6840	412 ✓
100	2.1	6822	1424 ✓
2	.1	62Y4	62Y4
157	20	(2702)	(798)
165	22	(2536)	(2536)*
139	18	(1521)	(2)
13	1 3/4	(902)	(4230)
4	5/8	(948)	(543)
71	10 3/4	(151)	(5027)
*	14 1/2	(2539)	(2539)
	7 1/2	(145)	(348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. 2 gals additional (151) permitted to adjust viscosity to 28± 2 sec. (T wt 14.50). Do not use special additives to increase viscosity.

WT./GAL. 14.67 VISC. 28± 2 sec. @75 deg.F

GRIND 2-3H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS AG

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

F51 W1 ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To reduce cost.

FORMULATOR W. Thompson SUPT. S.T.B.

0007-SWP-061906

TO MATCH Standard

APPLICATION: SURFACE Wood Ext.

NO. COATS 1 & 2

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. NO. 177 Philadelphia

CARD NO. 75 Trade Sales

DATE 10-29-53 Quality Control

DATE	SLIP NO.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	11-2-53
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	11-2-53
OAKLAND O	"	11-2-53
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-061907

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 8-10-53 REX. NO. 471

NAME S W P Gloss White CARD NO. 72

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
100	4.2	6232	312
175	6.5	6680	2132
100	3.1	6600	1403
325	6.7	6840	412
100	2.1	6822	1424
193	25	(1521)	(2)
101	13	(2544)	(2544)
24	3 3/4	(145)	(348)
128	16 1/2	(1521)	(2)
13	1 3/4	(902)	(4230)
4	5/8	(948)	(543)
26	4	(155)	(147)
98	15	(145)	(348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. Two gallons additional (145) may be used to reduce Visc. to 26± 2 Sec.(T Wt-13.43.) Do not use special additives to increase Visc. 8 gals of (2702) may replace 8 gals of (1521) to increase flow.

WT./GAL. T 13.57 VISC. 26± 2" @75 deg. F.

GRIND 2-3H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS AF

PARALLELS FLASH PT. 105 LABEL: NO RED ☐ RED ☐

F51 W1 ROWLES YES ☐ NO ☐ X ☐ W ☐

REASON FOR REVISION To improve brushing to equal that of Rx 476.

FORMULATOR R. Thompson SUPT. R. T. C.

0007-SWP-061908

TO MATCH Standard

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 _____

Hal Wm 8-10

REX. NO. 471 Guardsman Paper

CARD NO. 72 Trade Sales 8/10-53

DATE 8-10-53 Art Anderson

Name	Lab NO.	AMOUNT
Paint Stat	"	
Carlyon	"	
Washburn	"	
Dietz	"	
Schaff	"	
McMyer	8-10-53	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8-10-53
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	"	
RESADM	"	
MEXICO	"	

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 8-19-53 REV. NO. 471

NAME S W P Gloss White CARD NO. 74

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
65	3	6202	6202
185	7.8	6232	312
175	6.5	6680	2132
50	1.5	6600	1403
50	1.5	6603	2030
325	6.7	6840	412
100	2.1	6822	1424
2	.1	6274	6274
209	27	(1521)	(2)
68	9	(2536)	(2536) *
157	20	(2702)	(798)
42	5	(3870)	(4106)
22 1/2	3	(902)	(4230)
5	3/4	(948)	(543)
55	8 1/4	(151)	(5027)
*4	6 gls.	(2539)	(2539)
3		(145)	(348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. Two gallons additional (151) may be used to reduce viscosity to 26± 2 sec. (T Wt-14.57). Do not use special additives to increase viscosity.

WT./GAL. T 14.76 VISC. 26 ± 2" @75 deg. F

GRIND 2-3H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS AF

PARALLELS FLASH PT. 105°F LABEL: NO RED ☒ RED ☐

F51 W1 ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To show use of 2030dry and adjust grinding liquids.

FORMULATOR [illegible] SUP. 336

0007-SWP-061910

TO MATCH Standard

APPLICATION: SURFACE Wood Ext

NO. COATS 1 & 2

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 ___

MAKING TIME AND TEMP. ___

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS ___

Blid. - Wm

REX. NO. 171 Wm Meyer Lab 8-24

CARD NO. 71 8-27-53

DATE 8-19-53

DATE	SLIP NO.	AMOUNT
	8-27-53	
	"	
	"	
	"	
	"	
	"	

		SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	8-27-53	
KENSINGTON C	"	8-27-53
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	8-27-53
OAKLAND O	"	
M. SENOUR M	"	8-27-53
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON I	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA U	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	
MEXICO	"	

0007-SWP-061911

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 10-6-53 REV. NO. 471

NAME S W P Gloss White (Cleveland Only) CARD NO. 74 Alt A

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L
50	2.3	62C2	62C2
200	8.4	6232	312
150	5.5	6680	2132
50	1.6	6600	1403
50	1.6	6603	2030
300	6.2	6840	412
100	2.1	6822	1424
5	.3	62Y4	62Y4
178	23	(1521)	(2)
68	8 1/2	(2539)	(2539)
29	4 1/2	(145)	(348)
40	6	(151)	(5027)
7	1	(4C3)	(1891)
1	1/8	(5120)	(12)W
149	19	(2702)	(798)
33	4	(2870)	(4106)
23	3	(902)	(4230)
5	3/4	(948)	(543)
30	4 1/2	(151)	(5027)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. Slurry 62Y4 in (5027) for 5min. Add all other ingredients exc except (1891) and (12)W which must be added to mix last. Two gallons additional (151) may be used to reduce viscosity to 28± 2sec. (4.18) No other Add'l.

WT./GAL. VISC. 28± 2sec. 75 deg.

GRIND STERN #3 cup

OUTPUT DEPT. PKG.

MFG. LOSS MILL Roller LINING

STOR. LOS. RATE/HR. LABEL ANALYSIS AF

SOLIDS FLASH PT. 106 LABEL: NO RED ☒: RED ☐

PARALLELS F51 b1 ROYALTY: YES ☐: NO ☐: X ☐: ☐

REASON FOR REVISION Temporary formula to improve brushing and reduce cost.

FORMULATOR RB Thompson SUPT. AFH

4 RD NO

0007-SWP-061912

TO MATCH Wet Standard

APPLICATION: SURFACE Wood Ext.

NO. COATS 1 & 2

UNDERCOATER USED Rx 150

METHOD 1

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

SPECIAL TESTS

REX. NO. 177

CARD NO. 7L Alt. A

DATE

DATE	SLIP NO.	AMOUNT
[illegible]	10-9-53	
[illegible]	"	
[illegible]	"	

FACTORY		FORMULA	SPEC. CARD
EXEC. COST DEPT.		7L	
CLEVELAND	A	7L	
KENSINGTON	C		
PAINT RESEARCH			
KENS. TECH. SERV.			
KENS. LACQUER			
NEWARK	N		
OAKLAND	O		
M. SENOUR	M	10-8-53	
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			

FORMULA RECORD 6

CONTROL LAB. Cleveland T. S. DATE 8-17-53 REV. NO. 471

NAME S W P Gloss White CARD NO. 73

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
65	3	6202	6202
185	7.8	6232	312
175	6.5	6680	2132
100	3.1	6600	1403
325	6.7	6840	412
100	2.1	6822	1424
2	.1	6274	6274
155	20	(1521)	(2)
157	20	(2702)	(798)
54	7	(1521)	(2)
42	5	(3870)	(4106)
68	9	(2536)	(2536)*
23	3	(902)	(4230)
5	3/4	(948)	(543)
55	8 1/4	(151)	(5027)
*	6	(2539)	(2539)
	3	(145)	(348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. Two gallons additional (5027) may be used to reduce viscosity to 26± 2 sec. (T WT-14.57). Do not use special additives to increase viscosity.

WT./GAL. 14.76 Visc. 26±2" @75 deg. F

GRIND 2-3H Visc. on

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS Mill Roller LINING

SOLVENTS RATE/HR. LABEL ANALYSIS AF

PARALLELS FLASH PT. 105°F LABEL: NO RED ☐: RED ☐

T51 W1 ROYALTY YES ☐ NO ☐: X ☐: W ☐

REASON FOR REVISION As result of agreement at T.S.T.B. meeting 8-12-53.

FORMULATOR P B Thompson SUPT. [illegible]

TO MATCH Standard

APPLICATION: SURFACE Wood Ext.

NO. COATS 1 & 2

UNDERCOATER USED Fx 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 & Elasti

SPECIAL TESTS _____

REX. NO. 471 Hamilton Beach

CARD NO. 73 Tropical Sales "

DATE 8-17-53 Quality Paint

DATE	SLIP NO.	AMOUNT
Wolverine	Lab - 8-18-53	
Fuller	"	
Greenhouse	"	
Decorator	"	
H. Dreyer	"	
Schaff	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8-18-53
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	8-18-53
OAKLAND O	"	
M. SENOUR M	"	8-18-53
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	"	

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 5-12-53 REC. NO. 471

NAME S W P Gloss White CARD NO. 71

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312
175	6.5	2132
100	3.1	1403
325	6.7	412
100	2.1	1424
116	15	(2)
219	29 1/4	(2536) or*
139	18	(2)
14	1 7/8	(4230)
4	5/8	(543)
27	4	(141)
26	4	(348)
*)19	(2539)	
(10	1/4	(348)

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. Two gallons additional(348) may be used to reduce Visc. to 28 ± 2 sec.(T Wt-14.55.) Do not use special additives to increase Visc. 8 gals of (798) may replace 8 gals of (2) to increase flow.

WT./GAL. T 14.71 VISC. 28± 2sec. @75 deg.F

GRIND 2-3H [illegible] cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT.

STOR. LOSS MIX. Roller

SOLIDS RATE/HR. LABEL ANALYSIS

PARALLELS F51 W1 FLASH FT. LABEL: NO RED ☐: RED ☐

ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION Lowering Viscosity and bring raw material up to date.

FORMULATOR [illegible] DATE 5-7-6

DO NOT USE

0007-SWP-061916

TO MATCH Standard

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 _____

Philosphine Nar

REX. NO. 171 Huellbrunt Bryan

CARD NO. 71 Trade Sale 54-53

DATE 5-12-53 Quality Paint

DATE	SLIP NO.	AMOUNT
Paint Ext	5-18-53	
Causton	"	
Mauldin	"	
Dean	"	
Hogansport	"	
Schaaff	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	5-18-53
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	5-18-53
OAKLAND O	"	
M. SENOUR M	"	5-18-53
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
MES ADM.	"	
DECO	"	

0007-SWP-061917

FORMULA RECORD

A135

CONTROL LAB Gibbsboro DATE 7-7-53 REX. NO. 471

NAME SWP Gloss White CARD NO. 71 Alt. F-1

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312
175	6.5	2132
50	1.55	2030
50	1.55	1403
325	6.7	412
100	2.1	1424
116	15	(2)
219	29 1/4	(2536)
139	18	(2)
14	1 7/8	(4230)
4	5/8	(543)
27	4	(141)
26	4	(348)

CUSTOMER S W Co.

MFG. INSTR.

WT./GAL. T14.71 VISC. 26-28" 75 deg.F

GRIND 2-3H VISC. #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 REB. X RED ☐

TG-260 ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION

To be used on a temporary basis until overstock of 2030 is used off.

FORMULATOR S. S. Conley SUPT. [illegible]

0007-SWP-061918

TO MATCH: Std.

APPLICATION: SURFACE: Wood Exterior

NO. COATS:

UNDERCOATER USED: Rex 450

METHOD 1: Brush

REDUCTION: AMOUNT: REDUCER USED:

METHOD 2:

REDUCTION: AMOUNT: REDUCER USED:

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

HARD: SAND: HANDLE:

TACK FREE: RUB: WRAP:

BAKING TIME AND TEMP.:

GLOSS: Oil FILM: Med. Hard & Elast

SPECIAL TESTS:

REX. NO. 471

CARD NO. 71 Alt. F-1

DATE 7-7-53

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		
N. 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.			

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 3-12-53 REX. NO. 471

NAME S W P Gloss White CARD NO. 70 Alt.A

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312
175	6.5	2132
100	3.1	1403
300	6.2	412
100	2.1	1424
251	32 1/2	( )
152	19	(25A14)
67	10 1/4	(348)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
36	5 1/2	(348)
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 14.66 VISC. 28-32" #75

GRIND 2-3H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

FOR. DOES MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS AE

PARALLELS F51W1 FLASH PT. LABEL: NO RED ☐; RED ☐

ROYALTY: YES ☐; NO ☐; X ☐; 17 ☐

REASON FOR REVISION To use (25A14) in place of (310).

FORMULATOR R J Thomason SUPT. X176

CARD NO. 71

0007-SWP-061920

TO MATCH Standard

APPLICATION: SURFACE Wood Ext.

NO. COATS 1

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 & Blast

SPECIAL TESTS _____

Phil 5-5-53

Wm 5-4-53

REX NO. 471 A. B-3-23-53

CARD NO. 70 Alt. A Track Sale

DATE 3-12-53 Quality Control

DATE	SLIP NO.	AMOUNT
Rx 450	3-23-53	
Oster	"	
Marchman	"	
Dyer	"	
Bloomquist	"	
Schaff	"	

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	"	
McSENOUR 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-061921

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 1-23-53 REX. NO. 471

NAME S W P Gloss White CARD NO. 70

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312 or 6230
175	6.5	2132
100	3.1	1403
300	6.2	412
100	2.1	1424
251	32 1/2	(2)
153	19	(310) or (29½ gls
67	10 1/4	(348) (2538)
13	1 3/4	(1230)
4	5/8	(543)
27	4	(141)
36	5 1/2	(348)
SEE MFG INSTRUCTIONS		

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION Reverting to formula card 68 to improve mill rate.

VISCOSITY 28-35" @75°F AT ____ HRS. AFTER GRIND

VISCOSITY on #3 cup AT ____ HRS. AFTER GRIND

% SOLIDS (RUN) ____

WT./GAL. T 14.47

BAUME ____

STD. OF FINENESS 2-3

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ____

PACKAGE ____

PARALLEL NO.'S F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AE

LABEL: NO. RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED ____

DATE REC'D ____

MILL Roller BLEED? ____

LBS. OR GALS. PER HOUR ____

APPROVED B Thompson

FORMULATOR ____

SUPT. ____

0007-SWP-061922

Vengel 5 1-28-53 Rex 471

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 ____

Phil. 5-5-53

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	1-28-53
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1-28-53
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-28-53
OAKLAND O	"	
M. SENOUR M	"	1-28-53
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	" Dup. 3/12/53	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-061923

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 11-17-52 REX. NO. 471

NAME S W P Gloss White CARD NO. 69

POUNDS	GALLONS	MATERIAL NO.
50	2.1	311
200	8.4	6230 or 312
175	6.5	2132
100	3.1	1403
300	6.2	412
100	2.1	1424
282	36 1/2	(2)
120	15	(310) 23 gl.
52	8	(348) (2538)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
50	7 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To improve brushing.

VISCOSITY 28-35" @75°F AT ___ HRS. AFTER GRIND

VISCOSITY on #3 cup AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT/GAL 14.45

BAUME ___

STD. OF FINENESS 2

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AD

LABEL NO.: RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

MILL Roller BLEED? ___

LBS. OR GALS. PER HOUR ___

APPROVED ___

FORMULATOR ___

SUPT. ___

ARD No.

0007-SWP-061924

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood Ext.

NO. COATS 1 & 2

UNDERCOATER USED Rx 150

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS 017 FILM _____

SPECIAL TESTS _____

Rex 171

DATE	SLIP NO.	AMOUNT
Handling - Dept		12-1-52
Trade Sales		"
Cost Accrues		"
Paint Dept		"
Cashier		"
Warehouse		"
Dispatch		"
Shipping		"
Tariff		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	12-1-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	12-1-52
OAKLAND O	"	
M. SENOUR M	"	12-1-52
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	"	

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 10-5-52 REX. NO. 471

NAME S W P Gloss White CARD NO. 68 Alt. A

POUNDS	GALLONS	MATERIAL NO.
250	10.5	6230 or 312
175	6.5	2132
50	1.5	1403
50	1.6	2030
300	6.2	412
100	2.1	68C2 or 1424
	275#	412
	125#	6828
251	32 1/2	(2)
219	29 1/4	(2538)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
36	5 1/2	(348)

SEE MFG. INSTRUCTIONS:

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To replace 20 dry with 6230 dry.

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

VISCOSITY on #3cup AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT./GAL. T 14.46

BAUME ___

STD. OF FINENESS 2-3H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S F51 W1

ROYALTY: YES☐; NO☐; X☐ W☐

LABEL ANALYSIS CHECKED AT

LABEL NO. RED☒; RED☐

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

TIME Boiler BLEED? ___

LBS. OR GALS. PER HOUR ___

APPROVED ___

FORMULATOR R. Thompson

SUPT. S. 7. b.

ARCHIVE NO

0007-SWP-061926

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity, replace part of 312 or 6230 dry with 311 dry.

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 2-4day STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

Rex 471

DATE	SLIP NO.	AMOUNT
[illegible]		10-14-52
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"

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

A135

CONTROL LAB Cleveland T. S. DATE 10-5-52 REX. NO. 471

NAME S W P Gloss White CARD NO. 68

POUNDS	GALLONS	MATERIAL NO.
250	10.5	6230 or 312
175	6.5	2132
100	3.1	1403
300	6.2	412 or
100	2.1	6802 or 1424
	275#	412
	125#	6828
251	32 1/2	(2)
219	29 1/4	(2538)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
36	5 1/2	(348)
SEE MFG. INSTRUCTIONS:		

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To replace 20 dry with 6230 dry.

VISCOSITY 30-38" 375°F AT ____ HRS. AFTER GRIND

VISCOSITY on #3 cup AT ____ HRS. AFTER GRIND

% SOLIDS (RUN) ____

WT./GAL. T 14.47

BAUME ____

STD. OF FINENESS 2-3H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ____

PACKAGE ____

PARALLEL NO.'S ____

F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AC

LABEL: NO. RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED ____

DATE REC'D ____

MILL Roller BLEED? ____

LBS. OR GALS. PER HOUR ____

APPROVED ____

FORMULATOR R. J. Thompson

SUPT. S.T.L.

0007-SWP-061928

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity replace part of 312 dry or 6230 dry with 311 dry.

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 _____

Rx. 471

DATE	SLIP NO.	AMOUNT
[illegible]		10-14-52
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"
[illegible]		"

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

CONTROL LAB. Cleveland T. S. DATE 6-18-52 REV. NO. 471

NAME S W P Gloss White CARD NO. 67 Alt. A

POUNDS	GALLONS	MATERIAL NO.
250	10.5	20 or 312
175	6.5	2132
50	1.5	1403
50	1.6	2030
300	6.2	412
100	2.1	6802 or 1424
	#275	412
	#125	6828
251	32 1/2	(2)
219	29 1/4	(2538)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
36	5 1/2	(348)
SEE MFG.	INSTRUCTIONS	

PURCHASED FROM Sherwin-Williams Co.

TO MATCH Standard

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

VISCOSITY 30-38" @ 75°F

VISCOSITY on #3 CUP AT HRS. AFTER

% SOLIDS (RUN)

WT./GAL. T 14.16

BAUME

STD. OF FINENESS 4-3

NORMAL OUTPUT 300

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AC

LABEL: NO. RED ☐; RED ☐

NEW LABEL SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR PJT.

SLIDE

0007-SWP-061930

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity, replace part of 312 or 20 dry with 311. dry.
4 gals of (798) may replace
4 gals of (2) to improve flow.
1951-51 143312

APPLICATION: SURFACE Wood Ext. 2109217

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 COAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med Hard & Elastic

SPECIAL TESTS _____

Rex 471 Alt.A

dry DATE	SLIP NO.	AMOUNT
Mem-Beyer	7-8-52	
Gaul Gale	"	
Gaul Sur	"	
Ort Andrews	"	
Gaskon	"	
Mauhrine	"	
Dyer	"	
Bloomquist	"	
Schaff	"	

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 I	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	
MEXICO	"	

0007-SWP-061931

251	32 1/2	(2)
252	29 1/4	(2538)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
36	5 1/2	(348)
SEE MFG. INSTRUCTIONS		

VISCOSITY on #3 CUP AT ___ HRS. AFTER GRIND

% SOLIDS (RUH) ___

WT./GAL T 14.47

BAUME ___

STD. OF FINENESS 2-

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S ___

F51 W1

ROYALTY: YES ☐, NO ☐, X ☐, W ☐

LABEL ANALYSIS CHECKED AC

LABEL: NO. REQ'D ☐; RED ☐

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

MILL Roller BLEED? ___

LBS. OR GALS. PER HOUR ___

APPROVED

FORMULATOR PBT.

SUPT. 8/7/6

0007-SWP-061932

MANUFACTURING INSTRUCTIONS If necessary to increase viscosity replace part of 312 dry or 20 dry with 311 dry.

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 8-12h RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

Rex 471

DATE	SLIP NO.	AMOUNT
Mem.	Beyer	7-8-52
Paste	Gale	"
Paint	Gay	"
Cut	Andrews	"
Carlson		"
Mechanic		"
Dept		"
Bloomquist		"
Schaff		"

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	"	

0007-SWP-061933

FORMULA RECORD 6

A125

CONTROL LAB. Cleveland T. S. DATE 3-31-52 REC. NO. 471

NAME S W P Gloss White CARD NO. 66 Alt. B

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312 or 20
175	6.5	2132
50	1.5	1403
50	1.6	2030
300	6.2	412
100	2.1	6802 or 1424
	275#	412
	125#	6828
251	32 1/2	(2)
153	19	(310)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
102	15 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To show use of 2030 dry to work off overstock.

or

VISCOSITY 30-38" 375°F AT ___ HRS. AFTER GRIND

VISCOSITY on #3 cup AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT./GAL. T 14.46

BAUME D

STD. OF FINENESS 2-3H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AC

LABEL NO. RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

MILL Roller BLEED ___

LBS. OR GALS. PER HOUR ___

APPROVED ___

FORMULATOR R.B. Thomas 3-31-52

SUPT. 876

0007-SWR-061934

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity, replace part of 312 dry or 20 dry with 311 dry.

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 F 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 _____

SPECIAL TESTS _____

471 Alt. B

DATE	SLIP NO.	AMOUNT
Mesa-Lacquer		4/4/52
Cleveland	Sales	"
Paint Div.		"
Cost Guidance		"
Carlson		"
Washington		"
D. Dept		"
Engineering		"
Schedule		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4/4/52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	4/4/52
OAKLAND O	"	
M. SENOUR M	"	4/4/52
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-061935

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 3-17-52 REV. NO. 471

NAME S W P Gloss White CARD NO. 66 Alt.A

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312 or 20
175	6.5	2132
50	1.5	1403
50	1.6	66 A 1
300	6.2	412 or
100	2.1	66C2 or 1424
	275#	412
	125#	6828
251	32 1/2	(2)
153	19	(310)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
102	15 3/4	(348)
SEE MFG.	INSTRUCTIONS:	

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To correct Label Analysis.

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

VISCOSITY on #3 cup AT ____ HRS. AFTER GRIND

% SOLIDS (RUN) ____

WT./GAL. 14.46

BAUME ____

STD. OF FINENESS 2-3

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ____

PACKAGE ____

PARALLEL NO.'S F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AC

LABEL: NO. RED ☒; RED ☐

NEW STD. SAMPLE REQUIRED ____

DATE REC'D ____

MILL Roller BLEED? ____

LBS. OR GALS. PER HOUR ____

APPROVED

FORMULATOR [signature]

SUPT. [signature]

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity, replace part of 312 dry or 20 dry with 311 dry.

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 471 Alt. A

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	3-20-52
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	3-20-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	3-20-52
OAKLAND O	"	
M. SENOUR M	"	3-20-52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES	"	
BRAZIL S	"	
RES ADM	"	

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 3-17-52 REX. NO. 471

NAME S W P Gloss White CARD NO. 66

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312 or 20 6430
175	6.5	2132
100	3.1	1403
300	6.2	412
100	2.1	6802 or 1424
	275#	412
	125#	6828
251	32 1/2	(2)
153	19	(310)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
102	15 3/4	(348)

SEE MFG. INSTRUCTIONS

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To correct Label or Analysis.

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

VISCOSITY on #3 cup AT ____ HRS. AFTER GRIND

% SOLIDS (RUN) ____

WT./GAL. T 14.46

BAUME ____

STD. OF FINENESS 2-3

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ____

PACKAGE ____

PARALLEL NO.'S F51 W1

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED AC

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED ____

DATE REC'D ____

MILL Roller BLEED? ____

LBS. OR GALS. PER HOUR ____

APPROVED ____

FORMULATOR [illegible]

SUPT. [illegible]

0007-SWP-061938

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity, replace part of 312 dry or 20 dry with 311 dry.

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 _____

Rex 471

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	3-30-52
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	3-20-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	3-20-52
OAKLAND O	"	
M. SENOUR M	"	3-20-52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
[illegible]	"	

0007-SWP-061939

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 3-4-52 REX. NO. 471

NAME S W P Gloss White CARD NO. 65 Alt.B

POUNDS	GALLONS	MATERIAL NO.
250	10.5	312 or 20
175	6.5	2132
50	1.5	1403
50	1.6	66 A1
300	6.2	412
100	2.1	68C2 or 1424
	275#	412
	125#	6828
251	32 1/2	(2)
153	19	(310)
13	1 3/4	(4230)
4	5/8	(543)
27	4	(141)
102	15 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To temporarily conserve 1424, 68C2 and 6828 by reducing total zinc content to 29%.

VISCOSITY [illegible] HRS. AFTER GRIND

VISCOSITY [illegible] CUP [illegible] HRS. AFTER GRIND

% SOLIDS (RED) [illegible] ROYALTY: YES ☐; NO ☐; X ☐; V ☐

WT./GAL. T 14.46 LABEL ANALYSIS CHECKED AB

BAUME [illegible] LABEL: NO ☐; RED ☒; RED ☐

STD. OF FINENESS 2-3 NEW STD. SAMPLE REQUIRED [illegible]

NORMAL OUTPUT 100 DATE REC'D [illegible]

EST. MFG. LOSS 2% MILL Roller BLEED? [illegible]

DEPARTMENT [illegible] LBS. OR GALS. PER HOUR [illegible]

PACKAGE [illegible] APPROVED [illegible]

PARALLEL NO.'S F51 W1 FORMULATOR [illegible]

SUPT. [illegible]

0007-SWP-061940

MANUFACTURING INSTRUCTIONS: If necessary to increase viscosity, replace part of 312 dry or 20 dry with 311 dry.

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 _____

Rex 471 Alt.B

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	3-5-52
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"
[illegible]	[illegible]	"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	3-5-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	3-5-52
OAKLAND O	"	
M. SENOUR M	"	3-5-52
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	"	

FORMULA RECORD 6

CONTROL LAB. Cleveland F. S. DATE 2-26-51 REV. NO. 471

NAME S W P Gloss White CARD NO. 65

POUNDS	GALLONS	MATERIAL NO.
250	10.5	20 or 312
175	6.5	2132
100	3.1	1403
200	4.1	412
200	4.2	1424 or 1412
	175#	412
	225#	6828
251	32 1/2	(2)
153	19	(310)or(48)
13	1 3/4	(901)or(900)
4	5/8	(543)
27	4	(141)
102	15 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION Conserving pure TiO2 by increasing Ti Cal and adjusting body

VISCOSITY 30-38" @ 75° F. HRS.

VISCOSITY on #3 cup

% SOLIDS (RUN)

WT./GAL. T 14.46

BAUME

STD. CONTENTS

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; W ☐ AB

LABEL ANALYSIS CHECKED 4-2-51

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

MILL Roller

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

ARD No

0007-SWP-061942

MANUFACTURING INSTRUCTIONS: 4 gals. of (796) 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 & Elasti

SPECIAL TESTS _____

Blomquist Rec. 4/7

DATE	SLIP NO.	AMOUNT
Mann	3-1-51	
Beyer	"	
Sales	"	
Schaub	"	
Paint Test	"	
Cyclo	"	
~~[illegible]~~	"	
Dunn	"	
Mathews	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND M	"	
KENSINGTON C	"	3-1-51
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	3-1-51
OAKLAND O	"	
N. SEYMOUR M	"	3-1-51
DETROIT D	"	
LOS ANGELES L	"	
DALLAS T	"	
DAYTON L	"	
SIDESBORO F	"	
EXEC. MFG.	"	
CUBA N	"	
MONTREAL O	"	
BUENOS AIRES	"	
BRAZIL S	"	
RIO ADM.	"	

0007-SWP-061943

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 1-15-51 REK. NO. 471

NAME S W P Gloss White CARD NO. 64

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or 312
75	2.8	2132
150	4.6	1403
200	4.1	412
200	4.2	1424 or 1412
	175#	412
	225#	6828
251	32 1/2	(2)
153	19	(310) or (48)
13	1 3/4	(901) or (900)
4	5/8	(543)
27	4	(141)
109	16 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To eliminate 1411 dry. To show 6828 dry and 412 dry combination.

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

VISCOSITY on #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

ROYALTY YES? NO? X D.W.

WT./GAL. T 14.29

LABEL ANALYSIS CHECKED

BAUME

LABEL: NO. RED ☐; RED ☐

STD. OF FINENESS 2-3H

NEW STD. SAMPLE REQUIRED

NORMAL OUTPUT 100

DATE REC'D

EST. MFG. LOSS 2%

MILL Roller BLEED?

DEPARTMENT

LBS. OR GALS. PER HOUR

PACKAGE

APPROVED

PARALLEL NO.'S No Parallel

FORMULATOR

SUPT.

0007-SWP-061944

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

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 8-12 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 471

DATE	SLIP NO.	AMOUNT
[illegible]	1-22-57	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1-22-57
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-22-57
OAKLAND O	"	
M. SENOUR M	"	1-22-57
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-061945

MANUFACTURING INSTRUCTIONS: 4 gal of (726) may replace 4 gals of (2) to improve flow.

APPLICATION: SURFACE Wood Furn.

NO. COATS One

UNDERCOATER USED Rx 150

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard Elastic

SPECIAL TESTS _____

Rx 471 Alt. A

DATE	SLIP NO.	AMOUNT
Mess-Bepes		1-15-52
Pers Sales		"
Report Test		"
Schantz		"
Carlson		"
Mathews		"
Dewey		"
Bergquist		"
Nelson		"

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1-15-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-15-52
OAKLAND O	"	
H. SENOUP M	"	1-15-52
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-061947

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 1-11-51 REX. NO. 171

NAME S W P Gloss White CARD NO. 63

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or 312
75	2.8	2132
150	4.6	1403
400	8.3	1411 or
	200#	412
	200#	1412 or 1424
251	32 1/2	(2)
153	19	(48) or (310)
13	1 3/4	(901) or (900)
4	5/8	(543)
27	4	(141)
109	16 3/4	(348)

CUSTOMER Sherwin- Williams Co.

TO MATCH Standard

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 14.30

BAUME

STD. OF FINENESS 2-3

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 Yes

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR R. Thompson

SUPT. 876

0007-SWP-061948

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 8-12hr 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 471

DATE	SLIP NO.	AMOUNT
[illegible]	1-16-51	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1-16-51
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-16-51
OAKLAND O	"	
M. SENOUR M	"	1-16-51
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-061949

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 8-4-50 REX. NO. 471

NAME S W P Gloss White CARD NO. 62

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or 312
75	2.8	2132
150	4.6	1403
400	8.3	1411 or
	200#	412
	200#	1412 or 1424
251	32 1/2	(2)
153	19	(48) or (310)
13	1 3/4	~~(4230)~~ (90)
4	5/8	(543)
27	4	(141)
109	16 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Standard

REASON FOR REVISION To increase viscosity and improve quality.

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

VISCOSITY on #3 cup ___ AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT./GAL. T 14.30

BRIX (RUN) ___

SP. GR. ___ FINENESS 2-3

ACTUAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐ NO ☒ WH ___

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 R. Thompson

SUPT. 876

DO NOT PUBLISH

0007-SWP-061950

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 8-12 hr RECOAT 2-4 day PENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med Hard & Elastic

SPECIAL TESTS _____

Rex 471

DATE	SLIP NO.	AMOUNT
Mum	8-7-58	
Beeples	"	
J.S.	"	
R. Test	"	
B. Gossnuss	"	
Schardy	"	
Edlund	"	
D.D.	"	
Carlson	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8-7-58
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	8-7-58
OAKLAND O	"	
H. SENOUR M	"	8-7-58
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-061951

FORMULA RECORD 6

CONTROL LAB Cleveland T.S. DATE 4/10/50 REV. NO. 471

NAME S W P Gloss White CARD NO. 61

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or 312
75	2.8	2132
150	4.6	1403
400	8.3	1411 or
	200#	412
	200#	1412 or 1424
1	1/8	(324) **
228	29 1/2	(2)
153	19	(48) or (310)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
128	19 3/4	(348)
P		

** SEE MFG. INSTRUCTIONS

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION 312 dry assigned CW 2747. 1424 dry replacing 414W

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

VISCOSITY On #3 Cup HRS. AFTER GRIND

% SOLIDS (CUR) PROVISIONAL: YES NO

WT./GAL. T 14.26 LABEL ANALYSIS

BAUME LABEL NO. REQ'D. REV.

STD. OF FINENESS 2-3 NEW STD. SAMPLE REQUIRED

NORMAL OUTPUT 100 DATE

EST. MFG. LOSS 2% MILL Roller

DEPARTMENT LBS. OR GALS. PER HOUR

PACKAGE APPROVED

PARALLEL NO.'S No parallel FORMULATOR

SUPT.

0007-SWP-061952

471

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

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
[illegible]	4/14/58	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4/14/58
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	4/14/58
OAKLAND O	"	
N. SENOUR M	"	4/14/58
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-061953

FORMULA RECORD 6

CONTROL LAB. Cleveland T. S. DATE 11-18-49 REX. NO. 471

NAME S W P Gloss White CARD NO. 60

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or ~~2747~~ 312
75	2.8	2132
150	4.6	1403
400	8.3	1411 or
	200#	412
	200#	1412 or ~~4~~ 1424
1	1/8	(324)**
226	29 1/2	(2)
153	19	(48) or (310)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
128	19 3/4	(348)
* See Mfg. Instr.		
** " " "		

CUSTOMER Sherwin-Williams Co.

Standard

REASON FOR REVISION To show choice of leaded Zinc's and increase viscosity

PBT 4-10-50

VISCOSITY 28-32" @75° ON AT HRS. AFTER GRIND

VISCOSITY #3 AT HRS. AFTER GRIND

% SOLIDS (RU

WT./GAL.

BAUME

STD. OF FINENESS 2-3

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

No Parallel

ROYALTY

LABEL

LABEL NO.

NEW STD. SAMPLE REQUIRED

DATE REC'D.

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR PBT.W

SUPT. 27lb

CARD

0007-SWP-061954

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

* 414 W must have color rating of 60 or b

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

APPLICATION: SURFACE Wood

NO. COATS one

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Mod. Hard & Elast

SPECIAL TESTS _____

471

DATE	SLIP NO.	AMOUNT
Myers	11/21/49	
Buffers	"	
Carbon T-S	"	
Carbon	"	
DD	"	
Infinity	"	
Lightning	"	
Pizzo	"	
Orchestra	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	11/21/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	11/21/49
OAKLAND O	"	11/21/49
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIDDEBORO G	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-061955

FORMULA RECORD 6

A135

CONTROL LAB. Cleveland T.S. DATE 9/1/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 59

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or CW 2747
75	2.8	2132
150	4.6	1403
400	8.3	1410 or
	(200#	412
	200#	414 W
228	29 1/2	(2)
153	19	(310) or (48) or
37	5 3/4	(348) *
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
91	14	(348)
*	24 3/4 gal	(2398)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To issue new cards correcting errors in wt/gal and quantity of (48) shown on card 58 alt A also to show (310) as preferred oil.

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.26

BAUME

STD. OF FINENESS 2-3

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 A J Thompson

SUPT. 876

0007-SWP-061956

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 _____

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 _____

471

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	
[illegible]	9/1/49	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
MIKE	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	9/1/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	9/1/49
OAKLAND O	"	
M. SENOUR M	"	9/1/49
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	"	

0007-SWP-061957

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T.S. DATE 8/10/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 58

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or CW 2747
75	2.8	2132
150	4.6	1403
400	8.3	1410 or
	200#	412
	200#	414 W
228	29 1/2	(2)
153	19	(48) *
37	5 3/4	(348) *
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
91	14	(348)
* or	24 3/4#	(2398)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To make with available grades of leaded zinc and to allow use of (48) or (2398) on best cost basis. (2398) is an 80% (3321)

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.26

BAUME

STD. OF FINENESS 2-3

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 P B Thompson

SUPT. S Fb.

0007-SWP-061958

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 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

471

DATE	SLIP NO.	AMOUNT
[illegible]	8/15/49	
[illegible]	"	
T.S.	"	
[illegible]	"	
[illegible]	"	
MIKE	"	
D.D.	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8/15/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	8/15/49
OAKLAND O	"	
M. SENOUR M	"	8/15/49
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

CONTROL LAB. Cleveland T.S. DATE 9/1/49 REC. NO. 471

NAME S W P Gloss White CARD NO. 59 Alt. A

POUNDS	GALLONS	MATERIAL NO.
240	10.1	20 or CW 2747
75	2.8	2132
150	4.6	1403
475	9.8	412
22#	29 1/2	(2)
153	19	(310) or (48) or
37	5 3/4	(348) } #
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
91	14	(348)
#	24 3/4 gal	(2398)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To allow the use of 412 dry when preferred grade of leaded zinc unavailable, at increase in cost of app. 6¢/gal.

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.65

BAUME

STD. OF FINENESS 2-3

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 W. Thompson

SUPT. 8716

0007-SWP-061960

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 I Brush
REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD _____
REDUCTION: AMOUNT _____ REDUCER USED _____

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

471 Alt A

DATE	SWPCO	AMOUNT
[illegible]	8/1/68	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	9/1/68
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SEMOUR 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-061961

FORMULA RECORD

COMMON LAB Cleveland T.S. DATE 9/15/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 59 Alt C

POUNDS	GALLONS	MATERIAL NO.
862	11.03	20 or GW2747
75	2.8	2132
150	4.6	1403
425	8.8	1411
228	29 1/2	(2)
153	19	(310) or (48) or
37	5 3/4	(348)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
91	14	(348)
[illegible]	3/4 gal	[illegible]

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To make available 1411dry as an additional source of leaded zinc.

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS [illegible]

WT./GAL. [illegible]

BAUME [illegible]

STD. OF FINENESS [illegible]

NORMAL OUTPUT 100

EST. MFG. LOSS 6%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No parallel

ROYALTY: YES ☐, NO ☐, X ☐, W ☐

ANALYSIS CHECKED-DATE

[illegible] RED ☐, RED ☐

[illegible] TLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR [illegible]

SUPT. [illegible]

BAD NO

0007-SWP-061962

MANUFACTURING INSTRUCTIONS:
4 gals of (798) may be used to replace 4 gals of (798) 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 STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

471 Alt C

DATE	SLIP NO.	AMOUNT
Menz	9-21-49	
Rogers	"	
D.D.	"	
Carlson	"	
Mokey	"	
R. Schantz	"	
Paint Test	"	
Cantrelle	9/21/49	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	9-21-49	
CLEVELAND A	"	
KENSINGTON C	"	
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	
NEWARK N	"	
OAKLAND O	"	
M. SEYMOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RIO ADM.	"	

0007-SWP-061963

FORMULA RECORD No. 6

CONTROL NO. Cleveland T.S. DATE 9/1/49 REV. NO. 471

NAME S W P Gloss White GRD NO. 59 Alt. B

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or GW 2747
75	2.8	2132
150	4.5	1403
200	4.12	413
175	3.75	2059
25	.45	18
228	29 1/2	(2)
153	19	(310) or (48) or
37	5 3/4	(348))*
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
91	14	(348)
* 24	3/4 gal	(2398)
** SEE MFG. INSTRUCTIONS		

CUSTOMER Sherwin Williams Co.

TO R. TO Standard

REASON FOR REVISION To provide formula using zinc oxide & lead carbonate to extend leaded zinc for emergency use only.

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.26

BAUME

STD. OF FINENESS 2-3

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'D

NEW STD. SAMPLE REQUIRED

DATE REC'D.

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR D B Thompson

SUPT. [illegible]

0007-SWP-061964

MANUFACTURING INSTRUCTIONS:
4 gals of (793) may be used to replace 4 gals of (2) to improve flow.

** If color is too white, replace up to 40% of 20 dry with 1246 dry.

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 STRIPE _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

471 A3% B

		AMOUNT
Australia	8/11/49	
Mexico	8/11/49	
Bryan	"	
Ryan	"	
Pilot	"	
DB	"	
Mike	"	
Gilson	"	
Schuck	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	9/11/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	9/11/49
OAKLAND O	"	
H. SEYMOUR M	"	9/11/49
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. INFO.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	
MEXICO	"	

FORMULA RECORD 6

CONTROL LAB Cleveland T.S. DATE 8/10/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 58 Alt A

POUNDS	GALLONS	MATERIAL NO.
240	10.1	20 or CW 2747
75	2.8	2132
150	4.6	1403
475	9.8	412
229	29 1/2	(2)
153	19	(48) *
37	5 3/4	(348) *
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
91	14	(348)
* or	24 3/4 of	(2398)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To allow the use of 412 dry when preferred grade of leaded zinc are unavailable at an increase in cost of App 6¢ /gal

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN) 44.5 ROYALTY: YES ☐; NO ☐; X ☐; W ☐

WT./GAL. T ~~13.68~~ LABEL ANALYSIS CHECKED-DATE

BASE LABEL NO. RED ☐ RED ☐

STD. OF FINENESS 2-3 NEW STD. SAMPLE REQUIRED

NORMAL OUTPUT 100 DATE REC'D

EST. MFG. LOSS 2% MILL Roller BLEED?

DEPARTMENT LBS. OR GALS. PER HOUR

PACKAGE APPROVED

PARALLEL NO.'S FORMULATOR [illegible]

SUPT. [illegible]

0007-SWP-061966

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 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 & Elasti
SPECIAL TESTS _____

471

DATE	SLIP NO.	AMOUNT
Mann	8/10/49	
Budwas	"	
Bilbe	"	
Galvan	"	
Pittsburgh	"	
Pittsburgh	"	
Pitts	"	
PD	"	
T.S	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8/13/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	8/15/49
OAKLAND O	"	
M. SENOUR M	"	8/15/49
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

AICS

CONTROL LAB Cleve. T. S. DATE 8/1/49 REC. NO. 471

NAME SWP Gloss White CARD NO. 57

POUNDS	GALLONS	MATERIAL NO.
300	12.6	20 or CW2747
160	4.9	1403
475	9.8	412
228	29 1/2	(2)
150	19	(3321)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
128	19 3/4	(348)

CUSTOMER S. W. Co.

TO MATCH Std.

CR

REASON FOR REVISION To remove (48) as alternate for (3321).

VISCOSITY 25-30" @75° AT ___ HRS. AFTER GRIND

VISCOSITY OR Cup ___ AT ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___ INDICATES NO DRAIN

WT./GAL. T 14.57 LABEL ANALYSIS CHECKED 7-8-49

BAUME ___ LABEL NO. RED ☒ RED ☐

STD. OF FINENESS 2-3 NEW STD. SAMPLE REQUIRED ___

NORMAL OUTPUT 100 DATE REC'D ___

EST. MFG. LOSS 2% MILL Roller BLEED? ___

DEPARTMENT ___ LBS. OR GALS. PER HOUR ___

PACKAGE ___ APPROVED ___

PARALLEL NO.'S ___ FORMULATOR AB Thompson

SUPT. 876

CARD NO. 57

0007-SWP-061968

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 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 _____

471

DATE	SLIP NO.	AMOUNT
Mery	7-28-49	
Byers	"	
Rockfort	"	
T. S.	"	
Dilke	"	
Robson	"	
Rite	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	7/28/49	
CLEVELAND A	"	
KENSINGTON C	"	7/28/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES R	"	
DALLAS T	"	
DAYTON I	"	
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 6/23/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 56

POUNDS	GALLONS	MATERIAL NO.
300	12.6	20 or CW 2747
160	4.9	1403
475	9.8	412
228	29 1/2	(2)
150	19	(3321) or
		(48) *
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
128	19 3/4	(348)

* Use (48) only when (3321) is not available.

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To eliminate 414W

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

VISCOSITY On #3 Cup HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.57

VOLUME

STD. OF FINENESS 2-3

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.

0007-SWP-061970

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 1 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 Wed. Hard & Elastic

SPECIAL TESTS _____

471

DATE	SLIP NO.	AMOUNT
Pitts - Mr. Martin		7/6/49
F.R.	6-23-49	
Tech. Serv.	"	
Mike	"	
Carlson	"	
Meng	"	
Beyer	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	6-23-49	
CLEVELAND A	"	
KENSINGTON C	"	6-23-49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER	"	
NEWARK N	"	
OAKLAND C	"	
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-061971

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T.S. DATE 4/4/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 55

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20 or CW 2747
75	2.8	2132
150	4.6	1403
200	4.1	412
200	4.2	414 W
228	29 1/2	(2)
150	19	(3321) or (48) *
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
128	19 3/4	(348)
* Use (48) ONLY when (3321) is not available.		

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To use (3321) in place of (48) and show CW 2747 as alternate for 20 dry.

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.23

BAUME

STD. OF FINENESS 2-3

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 B Thompson

SUPT. L F L

0007-SWP-061972

MANUFACTURING INSTRUCTIONS:

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

APPLICATION: SURFACE Bldgs

NO. COATS One

UNDERCOATER USED 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 _____

471

DATE	SLIP NO.	AMOUNT
[illegible]	4/12/49	
[illegible]	4/7/49	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4/7/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	" Jan. 4/12/49	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	

0007-SWP-061973

FORMULA RECORD 6

CONTROL LAB Cleveland T.S. DATE 3/18/49 REV. NO. 471

NAME S W P Gloss White CARD NO. 54

POUNDS	GALLONS	MATERIAL NO.
275	11.6	20
75	2.8	2132
150	4.6	1403
200	4.1	412
200	4.2	414 W
228	29 1/2	(2)
153	19	(48)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
128	19 3/4	(348)

CUSTOMER S W Co.

TO MATCH Standard

REASON FOR REVISION Replace Titanium and Lead with Titanium Calcium to reduce cost.

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

VISCOS On #3 Cup AT HRS. AFTER GRIND

% SOLI...(RUN)

WT./GAL T 14.25

BAUME

STD. OF FINENESS 2-3

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ALWAYS CHECKED-DATE

LABEL: NO REQ'D; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

0007-SWP-061974

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

APPLICATION: SURFACE Bldgs

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 _____

471

DATE	SLIP NO.	AMOUNT
Auf Tenlin MIKE	12/9/49	
Mem Boyer	3/18/49	
Carlson	"	
T-S	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	3/18/49
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 O	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	
MEXICO		

0007-SWP-061975

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 3-7-49 REX. NO. 471

NAME S W P Gloss White CARD NO. 53

POUNDS	GALLONS	MATERIAL NO.
300	12.6	20 or CU 2747
		(143# 1089
		(143# 2201
		(184# 2203
		(92# 2201
160	4.9	1403
475	9.8	412 or
		(290# 511
		(185# 414W
227	29 3/8	(2)
153	19	(48)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
129	19 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Std.

REASON FOR REVISION T

correcting card #52, changing 414 to 414 W.

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

VISCOSITY #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.60

BAUME

SIZE OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY YES ☐ NO ☐; X ☐; V ☐

LABEL ANALYSIS CHECKED DATE

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D 5/4

MILL Roller BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT. Sfb.

0007-SWP-061976

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

Use (12) only if necessary to
obtain sufficient viscosity.

APPLICATION: SURFACE Bldgs.

NO. COATS one

UNDERCOATER USED 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

471

DATE	SLIP NO.	AMOUNT
Mary Beyer	3/4/49	
	"	
DD Carlson	"	
	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	3/14/49
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SEHOUR 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	"	
HEDUCO		

0007-SWP-061977

FORMULA RECORD

A135

CONTROL NO. Cleveland T.S. DATE 2/7/49 REV. NO. 4A

NAME S W P Gloss White CARD NO. 52

POUNDS	GALLONS	MATERIAL NO.
300	12.6	20 or CW 2747
		(143# 1989
	or	(143# 2201
		(184# 2203
	or	(92# 2201
160	4.9	1403
475	9.8	412 or
		(290# 571
		(185# 414
227	29 3/8	(2)
153	19	(48)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
129	19 3/4	(348)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To eliminate use of (12)W there-by improving package stability.

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

VISCOSITY On #3 Cup HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.60

GAUNE

STD. OR FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY: YES ☐ NO ☐ 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-061978

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

Use (12)W only if necessary to
obtain sufficient viscosity.

APPLICATION: SURFACE Bldgs

NO. COATS One

UNDERCOATER USED 450

METHOD 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 _____

471

DATE	SLIP NO.	AMOUNT
Mary	2/10/49	
Bilger	"	
Carlson	"	
T. S.	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	2/10/49
ALLIED RESEARCH	"	
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-061979

160		1403
475		412
		(290# - 511
		(185# - 414
2	1/4	(12)
227	29 3/8	(2)
153	19	(48)
4	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
127	19 1/2	(348)

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

VISCOSITY on #3 cup MIN. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 14.61

BAUME

FINENESS 211

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY: YES ☐; NO ☐; X ☐; V ☐

LABEL ANALYSIS CHECKED-DATE

LABEL: NO. REQ'D; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Roller PLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT. 087b

0007-SWP-061980

MANUFACTURING INSTRUCTIONS:

Permissible to replace up to 4 gals of (2) with (798) to get better flow.

APPLICATION: SURFACE Bldgs.

NO. COATS one

UNDERCOATER USED 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 6-10 RECOAT 4-5days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med.Hard & Elastic

SPECIAL TESTS _____

Rex-471

DATE	SLIP NO.	AMOUNT
Mrs Bayliss	1/12/48	
	"	
Parlam	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	1/12/48
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	
OAKLAND O	"	
M. SENOUR M	"	
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON U	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM.	"	
~~MEXICO~~ T-S	"	

0007-SWP-061981

FORMULA RECORD

A135

CONTROL LAB Cleveland T.S. DATE 11/19/48 REC. NO. 471

NAME *S W P Gloss White CARD NO. 50

POUNDS	GALLONS	MATERIAL NO.
300	20	or 276# CW2747
		(143# - 1989
	or	(143# - 2201
		(184# - 2203
	or	(92# - 2001
160		1403
475		412
		(290# - 511
	or	(185# - 414
2	1/4	(12)W
227	29 3/8	(2)
150	19	(48)
4 1/2	5/8	(543)
13	1 3/4	(4230)
27	4	(141)
126	19 1/2	(348)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard Cx

REASON FOR REVISION To conserve Basic Lead Carbonate, 18 dry

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 14.61

BAUME

STD. OF FINENESS 2H

NORMAL OUTPUT 100

EST. MFG. COST

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 D. Thompson

SUPT. L. Flo.

CARD

0007-SWP-061982

MANUFACTURING INSTRUCTIONS:
Permissible to replace up to 4 gal. of (2) with (798) to get better flow.

APPLICATION: SURFACE Buildings

NO. COATS One

UNDERCOATER USED 450

METHOD I Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD _____

REDUCTION: AMOUNT _____ REDUCER USED _____

DRYING TIME: TOUCH 6-10 RECOAT 4-5days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Med. Hard & Elastic

SPECIAL TESTS _____

Rx 471

DATE	SLIP NO.	AMOUNT
Mean	11/24/48	
Beyde	"	
Gardner	"	

FACTORY		FORMULA	SPEC. CARD
EXEC. COST DEPT.		"	
CLEVELAND	A	"	
KENSINGTON	C	"	11/24/48
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 ADM		"	
~~MEXICO~~		~~"~~	

0007-SWP-061983

A135 WHITE

FORMULA RECORD

Exp. No. _____ Date 4/19/48 Class 6 Rex. No. 471

Name S W P Gloss White Card No. 49 Replaces No. 48

POUNDS	GALLONS	MATERIAL No.
300		20 F
150		1403
275		511 } or 450#
175		414W } 412
60		18 } see other side
2	1/4	(12)W
227 29	3/8	(2)
150 19		(3316) (48)
4 1/2	5/8	(543)
13 1	3/4	(4230)
3 1/2	1/2	(4232) (348)
123 19		(348)
27 4		(141)
300	20 F	or
~~143#~~	1989	~~184#~~ 2203
~~143#~~	2201 or	92# 2201

Customer Sherwin Williams Co.

To Match Standard

Reason for Revision To use a 511 and 414W combination.

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

Viscosity On #3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt/Gal 14.81

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. ____

0007-SWP-061984

MANUFACTURING INSTRUCTIONS: When using BW 102 substitute:

70# BW 102 } for { 60# 18 dry
1/8 gl (12W) } { 1/4 gl (12W)
28 1/8 gl (2) } { 29 3/8 (2)

Permissible to replace up to 4 gl *

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 5-10 **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Med. Hard & Elastic
Special Tests * of (2) with (798) to get better flow.

CS 8/21/45

DATE	SLIP No.	AMOUNT
Australia	12/9/49	
Mexico	11/5/48	
Copyer	"	
Carbon	"	
Cordon	"	

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		"	
Olympic		"	

0007-SWP-061985

FORMULA RECORD A135 WHITE

Exp. No. ____ Date 2/9/48 Class 6 Rox. No. 471

Name SWP Gloss White Card No. 48 Replaces No. 47

POUNDS	GALLONS	MATERIAL No.
300		20 F
150		1403
450		412
60		18
2	1/4	(12)W
227	29 3/8	(2)
150	19	(3316)
4 1/2	5/8	(543)
13	1 3/4	(4230)
3 1/2	1/2	(4232)
123	19	(348)
27	4	(141)
300	of 20 L	or
143#	1989	184# 2203
143#	2201	or 92# 2201

Customer Sherwin Williams Co.

To Match Standard

Reason for Revision To reduce cost by using more TiO_2

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

Viscosity On #3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. T 14.80

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 Sam Bueg

Supt. SFb

0007-SWP-061986

MANUFACTURING INSTRUCTIONS: Permissable to replace up to 4 gal of (2) with (798) to get better flow. When using BW 102 70# of BW 102 in place of 60# of 18 dry and 28 1/8 of (2) in place of 29 3/8 gal (2). 1/8 gal of water in place of 1/4 gal of water.

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10hr **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

Special Tests

DATE	SLIP No.	AMOUNT
Carlson		
Mem	2/19/48	
Beyer	"	
F.S	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	2/19/48
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	"	
Brazil		"	
Plant		"	
Cotton		"	

0007-SWP-061987

A135 WHITE

FORMULA RECORD

K.A. No. _____ Date 2/9/48 Class 6 Rex. No. 471 Alt. No. 4

Name S W P Gloss White Card No. 48 Replaces No. 47

POUNDS	GALLONS	MATERIAL No.
300		20 F
150		1403
332		414 W
178		18
2	1/4	(12)W
227	29 3/8	(2)
150	19	(3316)
4 1/2	5/8	(543)
13	1 3/4	(4230)
3 1/2	1/2	(4232)
123	19	(348)
27	4	(141)
300#	20 L	or 2203
143#	1989	184# ~~2003~~
143#	2201	or 92# ~~2001~~ 2201

Customer Sherwin Williams Co.

To Match Standard

Reason for Revision To use 414W in place of 412.

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

Viscosity On #3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. T 14.84

Baume ____

Std. Fineness 2H

Normal Output 100

Est. Mfg. Loss 2%

Department ____

Package ____

Parallel No.'s ____

2/25/48 ___

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 Sam Bury

Supt. ____

0007-SWP-061988

MANUFACTURING INSTRUCTIONS: Permissable to replace up to 4 gal of (2) with (798) to get better flow.
When using BW 102
209# of BW 102 in place of 178# 18 dry, and 25 3/4 gal of (2) in place of 29 3/8 gal of (2). Take out 1/4 gal of (12)W

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

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

Drying Time: Touch 6-10hr **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Med. Hard & Elastic
Special Tests

CJ
2/26/48

DATE	SLIP No.	AMOUNT
Carlson		
Myers "		
Planer "		

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	2/19/48
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		"	
Carlson		"	

0007-SWP-061989

FORMULA RECORD

A135 WHITE 471 ~~Alp~~ P X

Exp. No. | Date 9/12/47 | Class 6 | Rex. No. 47 | Card No. | Replaces No. 46

Name S W P Gloss White

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1403
180		412
70		18
2	1/4	(12W)
116	15	(CW 2035)
110	14 3/8	(2) or
253	19	(48)
4 1/2	5/8	(543)
13	1 3/4	(4230)
5 1/2	1/2	(4232)
123	19	(348)
27	4	(141)
290#	20 L	or
142#	1989 or	182# 2203
142	2201	90 2201

Customer S W Co.

To Match Std.

Reason for Revision To conserve linseed oil by using CW 203.

(5 gal CW 2035)
24 3/8 (2)
(19 (3316))

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

Viscosity at hrs. after grind

% Solids (Run) 1 14.98

Wt./Gal.

Baume 24 3H

Std. of Fineness 100

Normal Output 2%

Est. Mfg. Loss

Department

Package

Parallel No.'s

Royalty: Yes □; No □; X □; W □

Label Analysis Checked-Date 10/2/47

Label: No Red □; Red □

New Std. Sample Required

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved Sam Kuey

Formulator

Supt. SJC

0007-SWP-061990

MANUFACTURING INSTRUCTIONS: When using BW 102 and (90) use 33lbs. BW 102 in place of 70lbs. of 18 dry, 13 gl. of (2) in place of 8 gl. of 12W in place of 1/4gl. 12W. 82lbs. of BW102 in place of 70lbs. of 18dry 22gl. of (2) in place of 24 3/8 gl. of (2) and 1/8gl. 12W

Application: Surface _____ **No. Coats** _____

Undercoater Used _____ **No. Coats** _____

Method 1 _____

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 _____ **Film** to use up to 8gl.

Special Tests (90) in place of 8gl. of (2) to give satisfactory leveling.

9/10/2/49

DATE	SLIP NO.	(2) AMOUNT
3/8		
When using BW 102 and (33lb)		
of 18dry 22gl. of (2) in		
place of 1/4gl. 12W +		
9-22-49		
"		
"		
"		

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	9-22-49
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		"	
T-S		"	

0007-SWP-061991

A135 WHITE D

FORMULA RECORD

Exp. No. 1 Date 7/29/47 Class Rex. No. 472

Name S W P Gloss White Card No. 47 Replaces No. 46

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1403
480		412
70		18
2	1/4	(12)W
227	29 3/8	(2)
150	19	(3316)
4 1/2	5/8	(543)
13	1 3/4	(4230)
3 1/2	1/2	(4232)
123	19	(348)
27	4	(141)
290#	or	
	142#	1989
	142#	2201
or	182#	2203
	90 #	2201

Customer S.W. Co.

To Match Std.

Reason for Revision To use 412 in place of 414 and 511 Combination and (3316) in place of (48).

Viscosity 23-30" @75° On 3 Cup at hrs. after grind

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal. 14.97

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 □; Red X 10/2/47

New Std. Sample Required

Date Rec'd

Mill Roller Bleed?

Lbs. or Gals. per hour

Approved

Formulator Sam Huey

Supt. 276

0007-SWP-061992

MANUFACTURING INSTRUCTIONS Permissable to replace up to 4 gal of (2) with (798) to give satisfactory leveling.
When using BW 102 use:
82# BW102 in place of 70# 18 dry. 28 gal of (2) in place of 29 3/8 gal (2). 1/8 gal of (12)W in place of 1/4 Gal (12)W.

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Med. Hard & Plastic

Special Tests

8/2/49

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	8-1-49
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-061993

FORMULA RECORD A135 WHITE D

Ex. No. _____ Date 9/12/47 Class 6 Rex. No. 471-Alt-S X

Name S W P Gloss White Card No. 47 Replaces No. 46

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1403
355		414W
195		18
2	1 A	(12) W
116	15	(CW 2035)
110	14 3/8	(2)
153	19	(48)
4 1/2	5/8	(543)
13	1 3/4	(4230)
3 1/2	1/2	(4232)
123	19	(348)
27	4	(141)
290#	20 L	or
142#	1989 or	182# · 2203
142	2201	90 2201

Customer S W Co.

To Match Std.

Reason for Revision To use 414W in plac of 412 dry.

(5 gl. CW 2035) or (24 3/8 (2) / 19 (3316))

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

Viscosity On #3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. T 15.00

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 □; Red □

New Std. Sample Required ____

Date Rec'd ____

Mill 4/8 Bleed ____

Lbs. or Gals. per hour ____

Approved

Formulator Sam Hue

Supt. ____

0007-SWP-061994

MANUFACTURING INSTRUCTIONS: When using BW 102 and (48) use 230lbs. of BW 102 in place of 195 lbs. of 18 dry, 10 1/2 gl. of (2) in place of 14 3/4 gl. of (2) and take out 1/4 gl. of 12W. When using ~~BW 102 and (3316)~~; use 230 lbs. of BW102 in place of 195lbs. of 18 dry, 20 1/2gl. of (2) in place of 24 3/8 gl. of (2) and take out 1/4 gl. of 12W. *

DATE	SLIP No.	AMOUNT
[illegible]	9-22-47	
[illegible]	"	
[illegible]	"	

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10 hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss **Film** Med. Hard & Elastic

Special Tests * Permissable to use up to 9gl. of (798) in place of 8gl. of (2) to get satisfactory leveling.

8 11/2/47

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	9-22-47
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]		7-8	

0007-SWP-061995

A135 WHITE

FORMULA RECORD

Exp. No. — Date 7/29/47 Class Rex. No. 471 Alt A - X

Name S W P Gloss White Card No. 47 Replaces No.

POUNDS	GALLONS	MATERIAL No.
290		20 L
138/136		1403
355		414 W
195		18
2	1/4	(12)W
227	29 3/8	(2)
150	19	(3316)
4 1/2	5/8	(543)
13	1 3/4	(4230)
3 1/2	1/2	(4232)
123	19	(348)
27	4	(141)

290# 20 L or
142# 1989
142# 2201
or 182# 2203
90 # 2201

Customer SW Co.

To Match Std.

Reason for Revision To use 414V/ry when available

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

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal. T 15.06

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 □; X Red □ 10/2/47 HH

New Std. Sample Required

Date Rec'd

Mill Roller Bleed?

Lbs. or Gals. per hour

Approved

Formulator Sam Kilay

Supt. SHB

0007-SWP-061996

MANUFACTURING INSTRUCTIONS: Permissable to replace up to 4 gal of (2) with (798) to give satisfactory leveling.
When using BW 102
230# BW 102 in place of 195# 18 dry.
place of 29 3/8 (2). Take out 1/4 gal of 12 W.

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

Special Tests

8/12/47

DATE	SLIP No.	AMOUNT

25 1/2 gal of (2) in

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	8-1-47
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 3-48 D

Exp. No. _____ Date 4-25-47 Class 6 Rex. No. 471 4

Name S W P White Card No. 46 Replaces No. 45

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1307 or 1403
180		414 W
300		511
82		BW 102 or 1 3/8Gal (5091)
1	1/8	(12)W 1/8 Gal (12 W)
216	28	(2)
153	~~19~~ 8 14	(48) 5 Hol/23 ~~5~~ (48) 6
4 1/2	5/8	(543)
13	1 3/4	(4230)
127	19 1/2	(348)
27	4	(141)
290 20 L		or 142 1989 / 142 2201
		or 182# 2203 / 90# 2201

Customer _____

To Match _____

Reason for Revision To use 414 W and 511 in 70# 18 dry Place of 412 when 412 is not available.

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

Viscosity 6 On 3 Cup _____ at _____ hrs. after grind

% Solids (Run) 44 5/9/47 24 44

Wt./Gal. T 14.97

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 Sam Huey

Supt. 876

0007-SWP-061998

MANUFACTURING INSTRUCTIONS:

Permissable to replace up to 4 Gals. (2) with (798) to give satisfactory levelling properties.

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10Hrs **Recoat** 4-5Days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Hard & Elastic

Special Tests

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

471

DATE	SLIP No.	AMOUNT
Memo	5-1-47	
Burling	"	
[illegible]	" Dup.	5-13-47

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		4	
Cleveland	A	"	
Kensington	C	"	5-1-47
Allied Research		"	
Kens. Tech. Serv.		4	
Kens. Lacquer			
Newark	N	"	
Oakland	O	4	
M. Senour	M	"	
Detroit	D	4	
Los Angeles	P	4	
Dallas	T	"	
Dayton	B	"	
Gibbsboro	F	"	
Pittsburgh	H	6-2-47	
Cuba	V	"	
Montreal		" Dup.	6-18-47
Buenos Aires	Z	"	
Brazil		"	
[illegible]		"	
[illegible]		"	

0007-SWP-061999

FORMULA RECORD Alt. A. A135 WHITE 9-48 4

Exp. No. Date 4-25-47 Class 6 Rex. No. 471

Name S W P White Card No. 46 Replaces No. 45

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1307 or 1403
115		414
343 365		511
82		BW 102
1	1/8	(12) W
216	28	(2)
~~153~~	~~19~~ 8/14	(48)
4 1/2	5/8	(543)
13	1 3/4	(4230)
127	19 1/2	(348)
27	4	(141)
290# 20 L or		142# 1989
		142# 2201
	or	182# 2203
		90# 2201

Customer

To Match CR

Reason for Revision To use off grade 414 dry when 414 W is not available.

70# 18 dry
1 3/8 Gal (5091)
1/8 Gal (12 W)

Viscosity 25-30" @75°

Viscosity On 3 Cup

Solids (Run)

Wt./Gal. 10.98

Baume

Std. Thickness

Normal Output 100

Est. Mfg. Loss 25

Department

Package

Gallon Wt's

Royalty: Ref. □; Wh. □; X □; W. □

Label Analysis Checked Dated

Label: Red □; Blue □; Red □

New Std. Sample Required

Date Rec'd 4/7

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator Sam Avery

Supt. L Fb

ARD

0007-SWP-062000

MANUFACTURING INSTRUCTIONS:

Permissable to replace up to 4 gals. (2) with (798) to give satisfactory levelling properties.

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 6-10Hrs **Recoat** 4-5Days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

Special Tests

S 5/8/47 cl 6/24/47

47

DATE	SLIP No.	AMOUNT
MBm	5-1-47	
Wesseg	"	
V. Mattson Wrap		5-13-47

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	5-1-47
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	6-2-47	
Cuba	V	"	
Montreal		" Wrap	6-18-47
Buenos Aires	Z	"	
Brazil		"	
Plant		"	

0007-SWP-062001

3-5-47

Rex-471 Card #45 dated 2-18-47
Show 110 lbs. 1403 or 1307 instead of
55 lbs 1403
55 lbs 1307

This superceedes all previous instructions regarding the use of Caloo TiO_2 1307 dry.

CLEVELAND TECH SERVICE

Ex 471 — Card 45 — 2-18-47

Due to extreme emergency, Authorization is hereby given to use 110 lbs of 1307 in place of 55 lbs 1307 and 55 lbs 1403 or 1901 until March 5, 1947 only.

S F CARLSON

VOID

See Card dated 3-5-47

DATE 3-3-47 BY

FORMULA RECORD

A135 WHITE 9-46 3311

*Exp. No. ——— Date 2-12-47 Class 6 Rex. No. 471

Name S W P Clear White Card No. Replaces No.

POUNDS	GALLONS	MATERIAL No.
252		20 L
55		1901 or 1403
55		1307
503		412
186		BT 102 *
203	26 1/2	(2)
152	19	(48)
4 1/2	5/8	(543)
13	1 3/4	(4230)
127	19 1/2	(348)
27	4	(141)
	159 # 18 dry	
*	3 7/8 Gal	(5091)
	3/8 Gal	(12 W)

Customer S W Co.

To Match Std.

Reason for Revision To return to higher linseed oil content

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

Viscosity Gn 3 Cup at hrs. after grind

% Solids (Run)

Wt./Gal. # 15.50

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-062004

MANUFACTURING INSTRUCTIONS:

Permissable to replace up to
½ gals. (2) with (798) to give
satisfactory levelling properties.

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

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

Drying Time: Touch 6-10Hrs **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Med. Hard & Elastic
Special Tests

473

DATE	SLIP No.	AMOUNT
[illegible] 2-19-47		
[illegible] 2-25-47		

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland A	"	
Kensington C	"	2-19-47
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-062005

FORMULA RECORD A135 WHITE 9-46 3311 D

Exp. No. _____ Date 12-4-7 Class 6 Rex. No. 27

Name S W P Gloss White Card No. 5 Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
158		2203
78		2201
110		1307, 1901 or 1403
509		412
186		BW 102 *
206	26 1/2	(2)
153	19	(48)
1 1/2	5/8	(543)
13	1 3/4	(4230)
127	19 1/2	(348)
27	4	(141)
*	15#	18 dry
	3-1/8 Gal	(5091)
	3/8 Gals.	(12)W

Customer S W Co.

To Match Std.

Reason for Revision

To use 2203 and 2201 dry in place of 20 I.

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

Viscosity On 3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. 15.39

Baume ____

Std. of Fineness 311

Normal Output 00

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 Sam Huey

Supt. [illegible]

0007-SWP-062006

MANUFACTURING INSTRUCTIONS:

Permissable to replace up to ½ gals. (2) with (798) to give satisfactory levelling properties.

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

Undercoater Used [illegible] 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch [illegible] Hrs **Recoat** [illegible] 5 Days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss [illegible] **Film** Med. Hard & Elastic

Special Tests

471

DATE	SLIP No.	AMOUNT
[illegible]	3-26-47	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	"	
Cleveland A	"	
Kensington C	"	3-26-47
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	"	[illegible]
Montreal	"	
Buenos Aires Z	"	
Brazil	"	
[illegible]	"	
[illegible]	"	

0007-SWP-062007

FORMULA RECORD A135 WHITE 9-46 3311 D

Exp. No. _____ Date 1-29-47 Class 6 Rex. No. 471

Name S W P Gloss White Card No. 44 Replaces No. 43

POUNDS	GALLONS	MATERIAL No.
252		20 L
110		1901 or 1403
509		412
186		BW 102 *
166	21 3/8	(2)
191	24	(3316)
4 1/2	5/8	(543)
13	1 3/4	(4230)
3 1/2	9/16	(4232)
123	19	(348)
27	4	(141)
*(159 lbs. Lead		
(3 1/8 gal (5091)		
(3/8 gal 12 W		

Customer S W Co.

To Match Std.

Reason for Revision To conserve TiO_2 and linseed oil.

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

Viscosity #4 cup _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 15.53

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 Sam Huey

Supt. SFG

0007-SWP-062008

MANUFACTURING INSTRUCTIONS:

Permissable to replace up to 4 gals (2) with (798) to give satisfactory levelling properties.

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

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

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Finish** Hard & Elastic

Special Tests

Rx-471

DATE	SLIP No.	AMOUNT
Mary	1-30-47	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	1-30-47
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]		"	
[illegible]		"	

0007-SWP-062009

FORMULA RECORD

A135 WHITE 2-46 S-1047

Exp. No. ____ Date 6/13/46 Class 6 TS Rex. No. 471 4

Name S W P Gloss White Card No. 43 Replaces No. 42

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1403
480		412
82		BW 102 (OVER)
	1/8	(12)W
	28	(2)
	19	(48)
	5/8	(543)
	1 3/4	(4230)
	19 1/2	(348)
	4	(141)

All factories except Chicago

Customer S W Co.

To Match Std.

Reason for Revision All anatase Titanium to improve clean up and whiteness.

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

Viscosity On 3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. 14.98

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 Budzyck

Supt. ABH

0007-SWP-062010

MANUFACTURING INSTRUCTIONS:

82# BW 102 { 70# Lead
1 3/8 Gals. (5091)
1/8 Gals. (12)W

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

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

Drying Time: Touch 6-10Hr Recoat 4-5days Stencil
Hard Sand Handle
Tack Free Rub Wrap
Baking Time and Temp.
Gloss Oil Film Med Hard & Elastic
Special Tests

471

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		6-13-86	
Cleveland	A	"	
Kensington	C	"	6-13-86
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]		"	
T-S		"	

0007-SWP-062011

FORMULA RECORD

A135 2-44 3151

Exp. No. _____ Date 9-14-45 Class 6 TS Rex. No. 471 X

Name S W P Gloss White Card No. 42 Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
296		20 L or F
66		1403
66		2173
480		412
82		BW 102 (over)
All factories except chicago.		
	28	(2)
	19	(48)
	1/8	(12) W
	5/8	(543)
	1 3/4	(4230)
	19 1/2	(348)
	4	(141)

Customer S.W.C.O.

To Match STD.

Oil absorption-Paste factor 31.23

Reason for Revision Replacing previous formula & alt. Mfg. should adhere strictly to this formula

Comp. 3.74# Oil/Gal. A.N.

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

Viscosity _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 15.00

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 yes

Date Rec'd _____

Mill Roller Bleed? _____

Lbs. or Gals. per hour _____

Approved Wm Bulpitt

Formulator _____

Supt. A B L PC

0007-SWP-062012

MANUFACTURING INSTRUCTIONS: 70# Lead
2# BW 102 1 3/8 gls (50
1/8 gl (12)W

Buildings one

Application: Surface Rx-450 No. Coats

Undercoater Used No. Coats

Brush

Method 1

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

6-10hrs 4-5days

Drying Time: Touch Recoat Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp. Lad. Lard, Elastic

Gloss Film

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		9-27-45	
Cleveland	A	"	
Kensington	C	"	9-27-45
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	"	
BRKZ		"	
TS		"	

FORMULA RECORD Alt. B

A135 WHITE 2-46 1147

Exp. No. _____ Date 6/13/46 Class 6 TS Rev. No. 471

Name S W P Glens White Card No. 43 Replaces No. 42

POUNDS	GALLONS	MATERIAL No.
390		20 I
136		1403
180	80	414
300	400	511
82		BW 102 (OVER)
	1/8	(12)W
	28	(2)
	19	(48)
	5/8	(543)
	1 3/4	(4230)
	19 1/2	(348)
	4	(141)

Customer S W Co.

To Match Std.

Reason for Revision Replacement of 412 with 37 1/2% 414 and 62 1/2% 511 dry as per letter from RRB to VM 5/13/46 but with all anatase TiO_2

Viscosity 26-30" 25° at ____ hrs. after grind

Viscosity On 3 Cup at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. 14.97

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 No

Date Rec'd ____

Mill Roller Bleed? ____

Lbs. or Gals. per hour ____

Approved ____

Formulator Wm Budzich

Supt. ADK

0007-SWP-062014

MANUFACTURING INSTRUCTIONS:

82# BW 102 { 70# 18 or 1140 dry
1 3/8 Gals (5091)
1/8 Gals (12)W

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10Hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Med. Hard Elastic

Special Tests

471 Alt. B.

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		6-13-46	
Cleveland	A	"	
Kensington	C	"	6-13-46
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]		"	
T-S		"	

0007-SWP-062015

FORMULA RECORD Alt. A.

A135 WHITE 2-46 S-1147

Exp. No. _____ Date 6/13/46 Class 6 TS Rex. No. 471

Name S W P Gloss White Card No. 13 Replaces No. 42

POUNDS	GALLONS	MATERIAL No.
290		20 L
136		1403
312		2295 or 2143
		or 2059
238		18
	29 3/8	(2)
	19	(48)
	5/8	(543)
	1 3/4	(4230)
	20	(348)
	4	(141)

USE ONLY IN RECONVERSION EMERGENCY EXCESS COST 4¢

Customer S W Co.

To Match Std.

Reason for Revision

Alternate use of Zinc oxide and White Lead Carbonate with all Anatase Titanium.

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

Viscosity On 3 Cup at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 14.98

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 Budzak

Supt. WBH

0007-SWP-062016

MANUFACTURING INSTRUCTIONS:

Preference of Zinc Oxide in Order shown no others permissible Use 1/4 Gal. (12)W with 2059 dry only to obtain proper viscosity.

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

Undercoater Used Rx 450 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10 **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Med Hard Elastic

Special Tests

471 Alt. A.

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		6-13-46	
Cleveland	A	"	
Kensington	C	"	6-13-46
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]		"	
T-S		"	

0007-SWP-062017

FORMULA RECORD Alt. A.

Exp. No. — Date 10-31-45 Class 6 TS Rev. No. 471

Name S W P Gloss White Card No. 42 Replaces No.

POUNDS	GALLONS	MATERIAL No.
296		20 L
66		1403
66		2173
312	2295	2143, 2059
238		18
ALL	FACTORIES	
	29 3/8	(2 ')
	19	(48)
	5/8	(543)
	1 3/4	(4230)
	20	(348)
	4	(141)

USE ONLY IN RECONVERSION EMERGENCY EXCESS COST 4¢

Customer S.W.CO.

To Match STD.

Reason for Revision Alt. use of Zinc oxide & white lead carbonate during the present shortage of Leaded Zinc.

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

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal. 15.02

Baume

Std. of Emeness 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 Budzisk

Supt. CBH

NO.

0007-SWP-062018

MANUFACTURING INSTRUCTIONS:

Choice of zinc oxide should be in the following preference depending on availability (1)(2295)-(2) 2169 (3) 2059.-no others permissible.

Application: Surface Buildings No. Coats one

Undercoater Used Rx-450 No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 6-10hrs Recoat 4-5days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Hard, Hard, Elastic

Special Tests Use 1/4 gl(12)W with 2059 dry only to obtain viscosity.

CB 12-29-45

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-062019

AN 1006 is being used by Newark
on the outside - 10-45 WB

Do not use this alternate
vehicle in future manufacture.
5-28-45-W.B.

FORMULA RECORD A136 2-44 3151

Exp. No. ALT.B. Date 1-10-45 Class 6 TS Rex. No. 471

Name S.W.P. Gloss White Card No. 1 Replaces No.

POUNDS	GALLONS	MATERIAL No.
287		20 L or F
85		2269 or 2173
95		1897
480		412
82		BW 102-over
	28	(2)
	19½	(48)
	1/8	(12)W
	5/8	(543)
	1	(2213)
	20 1/4	(348)
	4	(141)

Customer S.W.Co.

To Match STD.

Comp 3.74 lb oil/gr a.m. oils

Reason for Revision To lower amount of limited white lead carbonate & increase use of limed zinc.

Viscosity 2-3-0" 75° #3 at SW hrs. after grind

Viscosity 2-10-45 at hrs. after grind

Solids (By Wt.) 15.20

Volume

Std. of Fineness 2½

Normal Output 100

Est. Mfg. Loss 2%

Department

Packing

Recalled 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

Supt.

CARD NO. 1

0007-SWP-062021

MANUFACTURING INSTRUCTIONS:

52# 3W 102 { 70# Lead
1 3/8 G(5091)
1/8 G (12)W

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

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

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp. 11 **Film** Med. Hard, Elastic

Gloss

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		1-29-45	
Cleveland	A	"	
Kensington	C	"	1-29-45
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		"	
T. L.		"	

0007-SWP-062022

Attach to Rx-471 Card #41 Alt.A. dated 1/16/4

For Warwin-Williams Plants Lancaster only.

Replace With

20 Cells (2) 20 Cells (2)
10 Cells (40) 10 Cells (40)
5 Cells (2012)

AU[illegible] is being used by Newark
on the outside -10-45 WB

Do not use this alternate vehicle in future manufacture
8-28-45 WB.

0007-SWP-062023

FORMULA RECORD A135 2-44 3151

Exp. No. ____ Date 1-19-45 Class [illegible] Rex. No. [illegible] 4

Name S.W.P. Clear White Card No. [illegible] Replaces No. ____

POUNDS	GALLONS	MATERIAL No.
200		20 L or F
20		1405 or 45#
20		2173
175		2132
480		412
82		3W 102-over
	28	(2) (or Avlube by Newyork only)
	10	(49)
	1/8	(12)W
	5/8	(543)
	1	(2213)
	20 1/4	(349)
	4	(141)

Customer S.W.CO.

To Match STD.

Reason for Revision To lower amount of limited white lead carbonate & increase use of leaded zinc.

Viscosity 26-30" #5 at 3W hrs. after grind

Viscosity ____ at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. 12.07

Baume ____

Std. of Fineness 22

Normal Output ____

Est. Mfg. Loss 100 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 [illegible]

Supt. [illegible]

0007-SWP-062024

MANUFACTURING INSTRUCTIONS:

82# of BW 102 { 70# Lead
1 3/8G (5091)
1/8G (12)#

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

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

Drying Time: Touch 6-10hrs Recoat 4-5days Stencil
Hard Sand Handle
Tack Free Rub Wrap
Baking Time and Temp
Gloss Oil Film Med. Hard, Elastl
Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		1-29-45	
Cleveland	A	"	
Kensington	C	"	1-29-45
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		"	
TS		"	

0007-SWP-062025

*AV1006 is being used in place of (2) by Newark on the outside. W.C 8-10-45

Do not use this alternate vehicle in future manufacture. 5-28-42 W.B

FORMULA RECORD

A135 2-44 3151

Exp. No. _____ Date 1-12-45 Class 6 TS Rex. No. 471

Name S.W.P., Gloss White Card No. 41 Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
296		20 Lor F
88		1403
86		2173
480		412
82		BW 102-over
	2C	(2) (or AV100 New Wr Only)
	10	(4C)
	1/8	(12)W
	5/8	(543)
	1	(2213)
	20 1/4	(348)
	4	(141)

Customer S.W.CO.

To Match STD.

Reason for Revision To lower amount of limited white lead carbonate & increase use of leaded zinc.

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

Viscosity WB 8-10#3 at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 15.00

Baume _____

Std. of Fineness 2P

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 yes

Date Rec'd _____

Mill Roller Bleed? _____

Lbs. or Gals. per hour _____

Approved

Formulator [illegible]

Supt. [illegible]

0007-SWP-062027

MANUFACTURING INSTRUCTIONS:

82# BW 102 { 70# Lead
1 3/8 G(5091)
1/8G(12)W

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

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

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10 **Recoat** 4-5days **Stencil**

Hard hrs **Sand** **Handle**

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

Baking Time and Temp

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

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		1-29-45	
Cleveland	A	"	
Kensington	C	"	1-29-45
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		"	
75		"	

0007-SWP-062028

Attach to R: 471 Card No. 40 Alt. A
dated 9-20-44

For Sherwin Williams Plants manufacture only.

Replace	With
27 Gals. (2)	25 Gals. (2)
19 Gals. (48)	16 Gals. (48)
	5 Gals. (331b)

FORMULA RECORD

A135 12-43 2989

Exp. No. [illegible] Date 2-20-44 Class [illegible] Rex. No. [illegible]

Name [illegible] W P Gloss White Card No. [illegible] Replaces No. [illegible]

POUNDS	GALLONS	MATERIAL No.
225		20 L
25		1403 or 55#
25		2173
105		2132
400		412 [illegible]
150		BY 102-0 or)
All Eastern		Except
	Chicago.	
	27	(2)
	19	(48)
	5/8	(5'3)
	1	(2213) 5/8(40
	19	(340) 19 3/
	4	(141)

Customer S.W.Co.

To Match STD.

1403

Reason for Revision This alt. with 2[illegible] to be used only in [illegible]

Comp. 3.75# Oil/Gal

10/19/44 [illegible]

Viscosity 23-30" 2750 #3 at hrs. after grind

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal. 15.08

Baume

Std. of Fineness 2P

Normal Output 100

Est. Mfg. Loss

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 [illegible]

Supt. [illegible]

0007-SWP-062030

MANUFACTURING INSTRUCTIONS:

Acid value will not be over 4 [illegible] (3) [illegible] not over 10 on (43)

150# of BW 102 { 130# Pb
2 1/2(5001)
1/4 (12)%

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

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

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10 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

a 10/23/44

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	~~SPEC. CARD~~ Chg. slip
Exec. Cost Dept.		9-28-44	12-12-44
Cleveland	A	"	"
Kensington	C	"	9-28-44 "
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	"	"
Tel. Brazil		"	"

0007-SWP-062031

Attach to Rx 471 Card No. 40
dated 9-19-44

For Sherwin Williams Plants manufacture only.

Replace	With
27 Gals. (2)	25 Gals. (2)
19 Gals. (48)	16 Gals. (48)
	5 Gals. (2317)

FORMULA RECORD A135 12-13 2989

Exp. No. _____ Date 9-19-44 Class 6 T3 Rex. No. 471

Name S W P Gloss White Card No. 40 Replaces No. 30

POUNDS	GALLONS	MATERIAL No.
300		20 L
70		2173
70		1403
400		412
150		3M 102
	27	(2)
	19	(48)
	5/8	(543)
	1	(2213) or 5/8 (490)
	20 1/4	(548) 20 5/8 (540)
	4	(141)

All Factories except CHICAGO

or 200# 44 or 200# 511

Customer S.T.Co.

To Match STD.

Reason for Revision Reverting to use of 412 Chromate on conservation basis.

ZnO 26.3%

Comp. 3.75 lbs. Oil/Gal

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

Viscosity ____ at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. 14.94

Baume ____

Std. of Fineness 28

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 Budich

Supt. A. [illegible]

0007-SWP-062033

MANUFACTURING INSTRUCTIONS:

Acid value must not be over 4 on(2) & not over 10 on(48)..

Application: Surface **No. Coats** 3/ Bl. 102

Undercoater Used Buildings x-450 **No. Coats** one

Method 1

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch **Recoat** **Stencil**

Hard 6-10hr **Sand** 4-5days **Handle**

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

Baking Time and Temp.

Gloss **Film**

Special Tests Not Hard & Elastic

LS-10-15-44 CB 10/23/44

DATE	SLIP No.	AMOUNT

(128# Lead
2 1/2 g (5091)
1/4 g (12) W

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		9-28-44	12-12-44
Cleveland	A	"	"
Kensington	C	"	9-28-44
Allied Research		"	"
Kens. Tech. Ser.		"	"
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		"	"

0007-SWP-062034

Attach to Rx 471 Card No. 40 Alt. B
dated 9-21-44

For Sherwin Williams Plants manufacture only.

Replace	With
27 Gals. (2)	25 Gals. (2)
19 Gals. (48)	16 Gals. (48)
	5 Gals. (2317)

		200# - 414 200# - 511	Viscosity 20 @ 75° #3 at hrs. after grind 10/17/84 20 [illegible] Viscosity at hrs. after grind
27		(2)	% Solids (Run)
19		(48)	Wt/Gal. 15.17
			Baume
	5/8	(543)	Std. of Fineness 2F
	1	(2213) 5/8 (4000)	Normal Output 20
	20	(548) 20½ (348)	Est. Mfg. Loss %
	4	(141)	Department B
All factories except Chi			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 W. H. Budziak

Supt. [illegible]

0007-SWP-062036

MANUFACTURING INSTRUCTIONS: Acid value must not be over 5 on (2) & not over 10 on (48)..

150# of 3# 102 { 120# Pb
2 1/2G(5091)
1/4 G(12)#

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

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

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 6-10hrs **Recoat** 4-5days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Gl **Film** Red. Hard Elastic

Special Tests

Q 10/23/44

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC CARD
Exec. Cost Dept.		9-28-44	10-12-44
Cleveland	A	"	"
Kensington	C	"	9-28-44
Allied Research		"	"
Kens. Tech. Serv.		"	"
Kens. Lacquer			
Newark	N	"	"
Oakland	O	"	"
M. Senour	M	"	"
Detroit	D	"	"
Los Angeles	P	"	"
Dallas	T	"	"
Dayton	P	"	"
Gibbsboro	F	"	"
Pittsburgh	H		
Cuba	V	"	"
Montreal		"	"
Buenos Aires	Z	"	"
		"	"
Brazil		"	"

0007-SWP-062037

A135 12-43 2989

FORMULA RECORD

4

Exp. No. _____ Date 6-26-44 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 39 Replaces No. 38

POUNDS	GALLONS	MATERIAL No.
238	10.1	20 L
70	2.0	2269-2173
100	2.8	1897
400	8.4	414-257#Pb
300	4.56 BW	102-5gl(5091)
Bulk	27.86	(1/2"(12)W-Comp. 3.75 lbs. Oil/Gal. A-M.
All Factories except Chicago		Viscosity 26-30" @75° #3 at hrs. after grind
		Viscosity at hrs. after grind
		% Solids (Run)
	24 1/2	(2
	19	(48
	5/8	(543)
	1	(2213) 5/8gl
	19 5/8	(348) or 20"
	4	(141)

Customer S.W.CO.

To Match STD.

Reason for Revision To make use of available dry White replaces 412 dry.

Wt./Gal. 15.85

Baume

Std. of Fineness 2

Normal Output 400 (4000)

Est. Mfg. Loss 2% (348)

Department B

Package

Parallel No.'s

Royalty: Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date

Label: No Red X; Red ☐

New Std. Sample Required yes

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator Wm Rochel

Supt. ABK

CANCELLED

0007-SWP-062038

MANUFACTURING INSTRUCTIONS:

Acid value must not be over 4 o
(2) & not over 10 on (48)

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

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

Drying Time: Touch 6-7 **Recoat** 4-5day **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp.
Gloss Oil **Film** Mod. Hard & Elastic
Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		7-5-44	
Cleveland	A	"	
Kensington	C	"	7-5-44
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	"	
T.S. Brazil		"	

0007-SWP-062039

FORMULA RECORD A135 9-42 2657

Eng. No. _____ Date 10-4-43 Class [illegible] Rex. No. [illegible]

Name [illegible] Card No. [illegible] See No. [illegible]

POUNDS	GALLONS	MATERIAL NO.
270		20 I over
73		2173
73		1403
490		412
150		BY 102
	#122 2b	2 1/2 gals.
	(5091) 1/2	(12) T
	27	(2)
	19	(45)
	5/8	(543)
	5/8	(4000) or 19 (22(3)
	4	(141)
	19 1/2	(342) or 19 (34B)

~~All formulas except Chlorine Sec. F. Instructions.~~

Customer [illegible] CO.

To Match [illegible]

Reason for Revision To improve chalking [illegible] & clean up characteristics. Preferred formula. Composition 3.74 lbs Oil/Gal.

Viscosity 26-30" #3 at 48 hrs. after grind

Viscosity _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 15.56

Baume _____

Std. of Fineness 22

Normal Output 100

Est. Mfg. Loss 2%

Department B

Package W13

Parallel No's 6-14-44

Royalty: Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date _____

Label: No Red ☒; Red ☐

New Std. Sample Required yes

Date Rec'd _____

Mill _____ Bleed? _____

Lbs. or Gals. per hour _____

Approved _____

Formulator [illegible]

Supt. [illegible]

0007-SWP-062040

MANUFACTURING INSTRUCTIONS: This is a sta
Cond 38 Alt. to be used only in
emergency. Cond 37 only till exc
stocks of 2140 are reduced.
Acid value must not be over 4 on (2) &
not over 10 on (43) see below

Application: Surface Bldg. Exterior **No. Coats** one

Undercoater Used RX 150 **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 1-10hr **Recoat** 4-5 day **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp

Gloss Oil **Film** Med. Hard & Blast

Special Tests To conserve 90 lbs 2203
301 replace 270 lbs with 45 " 2201
135 " 206 u

B 4-17-44 Cl 6 11-44

DATE	CLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	10-5-43	
Cleveland A	"	
Kensington C	"	10-5-43
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	"	
B 4-15-44		
Track Sales	"	

0007-SWP-062041

FORMULA RECORD A135 9-42 2657

Exp. No. _____ Date 9-26-43 Class [illegible] Rex. No. 471

Name [illegible] Card No. 30 [illegible] See No. [illegible]

POUNDS	GALLONS	MATERIAL NO.
[illegible]		[illegible] T. over WB 4-15-44
25	1405	or 55 lbs
25	2173	
40		412
125		2132
1[illegible]		[illegible] 102
	1120	Feed 2 1/2
	(5001)	1/4 G(12)W
	27	(2)
	19	(40)
	4	(141)
	5/[illegible]	(543)
	5/[illegible]	(4090)
	19 1/2	(340)

All fr[illegible]ories except Chicago [illegible] See Mfg. Instructions.

Customer [illegible] Co. 789

To Match Std. [illegible]

1403 [illegible]

Reason for Revision [illegible] to be used only in [illegible]

Composition 3.74 lbs. Oil/Gal WB-11-14-43

Viscosity [illegible] at ____ hrs. after grind

Viscosity ____ at ____ hrs. after grind

% Solids (Run) ____

Wt./Gal. 15.53

Baume ____

Std. of Fineness 25

Normal Output 100

Est. Mfg. Loss 2%

Department B

Package WB

Parallel No's 6-14-44

Royalty: Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date ____

Label: No Red ☒; Red ☐

New Std. Sample Required [illegible]

Date Rec'd ____

Mill ____ Bleed? ____

Lbs. or Gals. per hour ____

Approved ____

Formulator [illegible]

Supt. [illegible]

0007-SWP-062042

MANUFACTURING INSTRUCTIONS:
Acid value must not be over 4 on (2) & not over 10 on (40)
To conserve 20# (60lbs 2203 WB 4-15-44
replace 180lbs with {30 " 2201
{90 " 20#

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

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

Drying Time: Touch 6-1[illegible] **Recoat** 4-5days **Stencil**
Hard **Sand** **Handle**
Tack Free **Rub** **Wrap**
Baking Time and Temp
Gloss Oil **Film** Med. Hard & Glost
Special Tests

CS-4-17-44 LS-6-14-44

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	10-5-43	
Cleveland A	"	
Kensington C	"	10-5-43
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	"	
Trade Sales	"	

0007-SWP-062043

A135 9-43 2540

FORMULA RECORD

Exp. No. _____ Date 3-7-44 Class _____ Rex. No. 471 4

Name E. F. Gloss White Card No. _____ Replaces No. 37

POUNDS	GALLONS	MATERIAL No.
250		20 I OUT
70		2269 or 2173
100		1097
480		412-(189) FB
150	B	1022 1/20
		1/4G(3)
ALL PAC		EXCEPT
	27	(2)
	10	(48)
	5/8	(543)
	5/8	(4080)
	4	(141)
	20	(348)
NOTE:		
Interference		

Customer S.W.CO.

To Match STD.

WB 4-4-44

Reason for Revision

Viscosity 26-30" 675°

Viscosity _____ at ____ hrs. after grind

Viscosity _____ at ____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 15.6

Baume _____

Std. or Fineness 22

Normal Output 100

Est. Mfg. Loss 2%

Department 3

Package WB

Parallel No.'s 2/14/44

Royalty Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date _____

Label: No Red ☐; Red ☐

New Std. Sample Required Yes

Date Rec'd _____

Mill _____ Bleed? _____

Lbs. or Gals. per hour _____

Approved _____

Formulator _____

Supt. _____

NO NO

0007-SWP-062044

MANUFACTURING INSTRUCTIONS:

Acid value must not be over 4 on (2) & not over 10 on (28)

To conserve (85 lbs 2203 W B 4-15-44
20L replace 250 lbs with { 40 " 220A
25 " 20L

Application: Surface Buildings No. Coats One

Undercoater Used RV-450 No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 6-10hr Recoat 4-5day Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard & Resist

Special Tests

CL 3-28-44 CB 4-5-44 CB 4-17-44 CB 6-14-44

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	3-10-44	
Cleveland A	"	
Kensington C	"	3-10-44
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		4
Cuba V	"	"
Montreal	"	"
Buenos Aires Z	"	
T. S.	"	

0007-SWP-062045

A135 9-43 2540

FORMULA RECORD

Exp. No. 1 Date 1-29-44 Class 6 TS Rex. No. 471

Name S W P Gloss White Card No. 38 Replaces No. 37

POUNDS	GALLONS	MATERIAL No.
230		20 L. over
65		2269
100		1897
400		A12 (206#
240		BW 102-4 (5091)
		3/8(12)
Discontinue mfg on this formula		
Alternate C preferred WB 3-7-44		
		WB 3-6-44
	25 1/2	(2)
	19	(48)
	5/8	(543)
	5/8	(4090) or 18 (2213)
	4	(141)
	19 1/2	(348) or 19% (348)
All factories except CHI		ACO....

Customer S.W.CO. 4-15-44

To Match STD.

Reason for Revision To make with available Pb pigments 2269 & 1897- Maintaining March 1942 opacity. w-Comp. 3.74 lbs Oil/Gal A.M.

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

Viscosity at hrs. after grind

% Solids (Run)

Wt./Gal. T 16.11

Baume

Std. of Fineness 2P

Normal Output 100

Est. Mfg. Loss 2%

Department B

Package WB

Parallel No.'s 6-14-44

Royalty: Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date

Label: No Red ☒; Red ☐

New Std. Sample Required yes

Date Rec'd

Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator

Supt.

0007-SWP-062046

MANUFACTURING INSTRUCTIONS:

Acid value must not be over 4 o
(2) & not over 10 on (48)

To conserve 20L replace 230 lbs with { 75 lbs 2203 / 40 " 2201 / 15 " 20L

Application: Surface Buildings No. Coats one

Undercoater Used RX-450 No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 6-10hrs Recoat 4-5days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard & Elas.

Special Tests

B 4-5-44 B 4-17-44 B 6-4-44

DATE	SLIP No.	AMOUNT
B 4-15-44		

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	279-44	
Cleveland A	"	
Kensington C	"	279-44
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	"	
L. S.	"	

FORMULA RECORD A135 9-42 2657

Exp. No. _____ Date 2-15-43 Class 6 Rex. No. 471

Name [illegible] Card No. 37 See No. 36

POUNDS	GALLONS	MATERIAL NO.
138		20 I
~~25~~	W.R.	~~[illegible]~~ 55 lbs. 1.03
~~[illegible]~~	9-24-43	~~[illegible]~~
490		412
185		2140
150		BW 102 (128# B3 Composition: 3.74 [illegible]
ALL FACTORIES EXCEPT		(2 Viscosity (50 I) 26.30" at hrs. after grind
CHICAGO		(3 [illegible] W 275° #3 at hrs. after grind
SEE MFG. INSTRUCTIONS		9-[illegible]
	27	(2)
	19	(48)
	4	(141)
	5/8	(543)
	5/8	(4090)
	19 1/2	(348)
	~~1~~	~~[illegible]~~
	~~19 1/4~~	~~(348)~~

Customer SW Co.

To Match Std.

Reason for Revision [illegible] to percentage of 2173, [illegible] 2169, 1403, and 2140 [illegible] VS 36.7 [illegible]

Batches (Run)

Wt./Gal. T15.53

Baume

Std. of Fineness 2[illegible]

Normal Output [illegible]

Est. Mfg. Loss [illegible]

Department B

Package 3

Parallel No's

Royalty: Yes ☐; No ☐; X ☐; W ☐

Label Analysis Checked-Date

Label: No Red ☐; Red ☐

New Std. Sample Required

Date Rec'd

MMI Bleed?

Lbs. or Gals. per hour

Approved

Formulator

Supt.

CARD NO

0007-SWP-062048

MANUFACTURING INSTRUCTIONS: [illegible]

Application: Surface _____ No. Coats _____

Undercoater Used _____ No. Coats _____

Method 1 _____

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 _____ Film _____

Special Tests _____

CB 9-2-43 CB-10-5-43

DATE	SLIP No.	AMOUNT
[illegible]	[illegible]	[illegible]
150	[illegible]	
WB 8-20-43		

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	8-18-43	
Cleveland A	"	
Kensington C	"	
Allied Research	"	
Kens. Tech. Serv.		
Kens. Lacquer		
Newark N	"	
Oakland O	"	
M. Sequoit M	"	
Detroit D	"	
Los Angeles P	"	
Dallas T	"	
Dayton	"	
Gibbsboro F	"	
Pittsburgh H	"	
Cuba V	"	
Montreal	"	
Buenos Aires Z	"	
[illegible]	"	
London	"	

0007-SWP-062049

FORMULA RECORD A135 9-42 2657

E.I. No. _____ Date 9-21-43 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 37 Alt-B See No. 37

POUNDS	GALLONS	MATERIAL NO.
180		20 L
55		1403
490		412
150		BW 102
	60	W 2250
	4	(141)
	13 3/4	(348)

Customer SW Co.

To Match Std.

Reason for Revision To use Titanium Paint from Forbes Varnish Co.

38

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

Viscosity _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal T 15.53

Baume _____

Std. of Fineness 2P

Normal Output 100

Est. Mfg. Loss 2%

Department K

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 _____ Bleed? _____

Lbs. or Gals. per hour _____

Approved

Formulator W. E. Bubiak

Supt. U B Halbe

0007-SWP-062050

MANUFACTURING INSTRUCTIONS: Mix & grind amounts of 20 L & 1403, 412 dry in with W 2236 add BW 102 after grind.

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

Undercoater Used RX 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** Hard & Elastic

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.		
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		

0007-SWP-062051

FORMULA RECORD Alt A

AFS 9-42 2537

Exp. No. _____ Date 7-21-43 Class 6 Rev. No. 471

Name SWP Gloss White Card No. 36 Alt A See No. 35

POUNDS	GALLONS	MATERIAL NO.
270		20
74		2173 or 22
74		1403
490		412 (12
150		BW 102-(2
		(1/
SEE MFG. INSTRUCTIONS		
	26 7/8	(2)
	19	(48)
4 (141)	5/8	(543)
	5/8	(4090) This
This	19 1/2	(348) or
	1	(2213)
	19 1/4 or	(348) This
This	4	(141)

Customer SW Co.

To Match Std.

69 ALL FACTO EXCEPT CHICAGO

Reason for Revision cing part

8# Lead 73 Dry with 1403

1/2G (50) dry and 226

4G (12 ontains 3.74 lbs oil/gal.

Viscosity _____ at _____ hrs. after grind

Viscosity 26 5" @75° #3 at _____ hrs. after grind

% Solids (Run) _____

Wt. Gal. 15.58

Name _____

Specialtiness 2P

Normal Output 100

Est. Mfg. Loss 2%

Department _____

Package _____

Parallel No's _____

Royalty: Pa ; No ☐; X ☐; W ☐

Label Analysis Checked-Date _____

Label: Red ☐; Red ☐

New Std. Sample Required _____

Date Rec'd _____

Mill _____ Bleed? _____

Lbs. or Gals. per hour _____

Approved

Formulator W J B 4-45

Supt. _____

APPROVED

0007-SWP-062052

MANUFACTURING INSTRUCTIONS: Acid value on must not be over 10. Asbestine 20 dry must be between 25 to 30 oil absorption. If oil absorption is higher than 30 on 20 dry if necessary adjust formula to obtain proper viscosity by lowering 20 dry to not less than 250 lbs. SEE BELOW*

Application: Surface Bldgs. **No. Coats** Good 3

Undercoater Used **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** Tough & hard

Special Tests *Replace in proportion of: 1/20 of (2)) for 35# of 20 dry 1/35 of (48)) to maintain the s 1/35 of (343)) same oil analysis

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	2-43	
Cleveland A	"	
Kensington C	"	
Applied Research	"	
Tech. Serv.	"	
Lacquer	"	
N	"	
O	"	
M	"	
Detroit	"	
Los Angeles	"	
Dallas	"	
Dayton	"	
Gibbsboro	"	
Pittsburgh H	"	
Cuba V	"	
Montreal	"	
Buenos Aires Z	"	
Lancaster	"	
London	"	

0007-SWP-062053

FORMULA RECORD A135 9-42 2657

Exp. No. _____ Date 7-21-23 Class 6 Rex. No. 471

Name 3TP Gloss White Card No. 36 See No. 35

POUNDS	GALLONS	MATERIAL NO.
285		20
132		2173
490		412 (12
150		BW 102-(2
SEE MFG. INSTRUCTIONS		(1/4 G (12)W
	26 7/8	(2)
	19	(48)
	5/8	(543)
	5/8	(4090) This
	19 1/2	(348) or
	1	(2213)
	19 1/4	(348) This
	4	(141)

Customer SW Co.

To Match Std.

Reason for Revision ALL FACTORIES EXCEPT CHICAGO 12# lead To improve stability of 1/2 G (509) dryer.

Contains 3.74 lbs of oil/gal.

Viscosity 26-28 275 deg. at ___ hrs. after grind

Viscosity on #3 Zap ___ hrs. after grind

% Solids (Rep.) ___

Wt./Gal. 15.57

Baume ___

Std. of Reference 2P

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 ___ Bleed? ___

Lbs. or Gals. per hour ___

Approved

Formulator WKB 631

Supt. ___

0007-SWP-062054

MANUFACTURING INSTRUCTIONS: Acid value of (43) must not be over 10. Asbestine 20 dry must be between 25 to 30 oil absorption. If oil absorption is higher than 30 on 20 dry if necessary adjust formula to obtain proper viscosity by lowering 20 dry to not less than 250 lbs. SEE BELOW*

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 hr **Recoat** 4-5day **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Tough & hard

Special Tests *Replace in proportion of: 1/2G of (2L) for 35# of 20 dry 3/4G of (3L8)) to maintain the same oil analysis.

CB 7-28-43

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	7-27-43	
Cleveland A	"	
Kensington C		
Allied Research	"	
Kens. Tech. Serv.		
Kens. Lacquer		
Newark N	"	
Oakland O	"	
M. Sengur M	"	
Detroit D	"	
Los Angeles P	"	
Dallas T	"	
Dayton B	"	
Gibbsboro F	"	
Pittsburgh H		
Cuba V	"	
Montreal	"	
Buenos Aires Z	"	
London	"	

0007-SWP-062055

FORMULA RECORD

A135-12-41 2857

Exp. No. ____ Date 10-15-42 Class 6 TS 471 Rex. No. 34

Name SWP Gloss White Card No. 35 See No. ____

POUNDS	GALLONS	MATERIAL NO.
285		20 L
132		2173
490		412
		(128
150		102) (Lead
118		(2 1/2 gl. (509
156		(1/4
	1/2	(12)
	41	(5091)
	6	(48)
		( )
	10 1/2	(509)
	10	(348)
	1 3/4	(543)
	1	(2213)
		( )

Customer ____ Sta.

To Match ALL FACTORIES EXCEPT CHICAGO

Reason for Revision Reducing oil content as a measure of conservation & economy. PVC 35.2% ... 31%

Viscosity ... Fresh at ____ hrs. after grind

Viscosity ____ at ____ hrs. after grind

Wt./Gal. 115.52

Baume ____

Std. of Fineness 27

Normal Output 10

Mfg. Loss B

Department ____

Parallel No's ____

Label Analysis Checked-Date 8

Label: No Red ☐ Red ☑ Yes

New Std. Sample Required ____

Date Rec'd ____

Mill Roller

Lbs. or Gals. per hour ____

Approved ____

Formulator ____

Supt. ____

CARD NO.

0007-SWP-062056

MANUFACTURING INSTRUCTIONS: TEMPER THIN BATCH WITH 1/2-1/4 GAL.(320) TO EACH 100 GAL.

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. **Recoat** 4-5 days **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.	10-16-42	
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	"	
Gloucester	"	
London	"	

0007-SWP-062057

FORMULA RECORD

Exp. No. ____ Date 4-3-42 Class 3 ES Rex. No. 471 ____

Name SWP Gloss White Card No. 34 See No. ____

POUNDS	GALLONS	MATERIAL No.
250		20 L
130		1403
225		412
200		414 "
		(236)
275		BN 102) (4 1/2 gl.(5091)
		(1/2 gl.(12) "
	1/2	(12)
	25	(5091)
	3 1/4	(48)
		( )
	30	(5091)
	1	(2283)
	1 3/4	(543)
	6	(543)
		( )

Customer SW Co. C.D.

To Match Std. HP 17,870 WB 1-26-44

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision Increasing titanium use maximum amount of 414 in lead conjunction with the dry. Maintaining color lowering cost.

Viscosity ____ at ____ hrs. after grind

Viscosity ____ at ____ hrs. after grind

Wt./Gal. 8

Baume ____

Std. of Fineness 2F

Normal Output 100

Est. Mfg. Loss 2%

Department ____

Parallel No's WB 9-24-42

Label Analysis Checked-Date 4-14-42

Label: No Red ☐; Red ☐ Yes

New Std. Sample Required ____

Date Rec'd 4/9/42

Mill 35

Lbs. or Gals. per hour 1043-6

Approved ____

Formulator ____

Supt. ____

0007-SWP-062058

MANUFACTURING INSTRUCTIONS: [illegible] WITH 1/8 to 1/4 GAL. (320) TO EACH 100 GAL.

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 **Recoat** 4-5 days **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.	4-9-42	
Cleveland — A	"	
Kensington — C		
Allied Research	" Dup. 3/10/47	
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	"	
Gloucester	"	
London	"	

0007-SWP-062059

FORMULA RECORD A135 8-41 3036

Exp. No. ____ Date 1-19-42 Class 6 TS Rev. No. 471 - 1X

Name P Gloss White Card No. 33 See No. 32

POUNDS	GALLONS	MATERIAL No.
~~178~~ 175	M.2	20 L
~~65~~ 68	1-19-42	1403
392		412
196		1526
		(372 lea
434		BW 102)(7 [illegible] (5091) [illegible] ZnO - 31%
		(3/4 [illegible] (12) W See over
	1/4	(12) W
	26	(5091)
	3 1/4	(48)
	28 3/4	(5091)
	3/4	(5093)
	1 3/4	(543)
	5	(348)
		( )

Customer SW Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision To use 2 parts 412 dry and 1 part 1526 dry, based on available stocks. PVC - 30.1%

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

Viscosity ____ at 48 hrs. after grind

Wt./Gal. 17.30

Baume ____

Std. of Fineness 22

Normal Output 100

Est. Mfg. Loss 2%

Department B

Parallel No's ____

Label Analysis Checked-Date ____

Label: No Red ☐; Red ☐

New Std. Sample Required Yes

Date Rec'd 1/26/42

Mill ____

Lbs. or Gals. per hour ____

Approved

Formulator ____

Supt. ____

CARD

0007-SWP-062060

MANUFACTURING INSTRUCTIONS: MIX THIN BITU
WITH 1/8 to 1/4 GAL. (3-0) TO
EACH 100 GAL.

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. **Recoat** 4-5 days **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.	1-17-42	
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	"	
Glauceiter	"	
Louis Berger	1-22-42	

0007-SWP-062061

FORMULA RECORD

A135 5-41 3036

Exp. No. ..... Date 1-15-42 Class 6 TS Rex. No. 471 X

Name ..... Card No. ..... See No. .....

POUNDS	GALLONS	MATERIAL NO.
175		2) L
65		1403 T or
590		412
		(3704
432		102) (7 24
		(509)
		(.73
		(12)
		( )
	1/4	( )
	24	( )
	3 1/4	48 ( )
		( )
	30 1/2	5091 ( )
	3/4	5093 ( )
	1 3/4	543 ( )
	5	348 ( )

Customer .....

To Match Std.

Reason for Revision ALL FACTORIES EXCEPT CHICAGO To reduce titanium & increase leaded zinc PVC 30.1% ZnO 31.9% ... TEMPER THIN BATCHES WITH 1/8 to 1/4 GAL. (320) TO EACH 100 GAL.

Viscosity ..... at ..... hrs. after grind

Viscosity 26-30" #3 Ford at ..... hrs. after grind

Wt./Gal. .....

Degree ..... Label Analysis Checked-Date .....

Grind of Fineness 2P Label: ~~No Red~~ ☐ Red ☐

Normal Output 100 New Std. Sample Required .....

Est. Mfg. Loss 2% Date Rec'd ..... Yes

Department B Mill .....

Parallel No's ..... Lbs. or Gals. per hour .....

Approved .....

Formulator .....

Supt. .....

CARD NO. 3

0007-SWP-062062

MANUFACTURING INSTRUCTIONS:

Application: Surface Blags. **No. Coats** Good

Undercoater Used **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10 hrs **Recoat** 4-5 days **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.	1-15-42	
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	"	
Gloucester	"	

0007-SWP-062063

FORMULA RECORD

Exp. No. 113-W Date 12-30-41 Class 6 TS Rex. No. 471 2X

Name SWP Gloss White Card No. 31 See No. 30

POUNDS	GALLONS	MATERIAL No.
200		20 L
85		1403 T or K
470		412
526		BT 102
		1/8 to 1/4 CACO3 (320) TO EACH 100 GAL.
	24	(5091)
	3 1/4	(48)
		( )
	29	(5091)
	3/4	(5093)
	1 3/4	(643)
	~~7/4~~	(152)
PB	4 ~~7/4~~	(348)
1-14-42	1/2	( )

Customer SW Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision Reverting to formula card #29 to conserve titanium oxide. TEMPER THIN BATCHES WITH 1/8 to 1/4 CACO3 (320) TO EACH 100 GAL.

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

Viscosity ____ at ____ hrs. after grind

Wt./Gal. 17.30 Label Analysis Checked-Date 1-15-42

Baume ____ Label: No Red ☒ Red ☐

Std. of Fineness 22 New Std. Sample Required Yes

Normal Output 100 Date Rec'd ____

Est. Mfg. Loss 2% Mill ____

Department B Lbs. or Gals. per hour ____

Parallel No's ____ Approved ____

1-15-42 Formulator ____

Supt. ____

CARD NO. 32

0007-SWP-062064

MANUFACTURING INSTRUCTIONS:

Application: Surface Sides **No. Coats** [illegible]

Undercoater Used **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10 min **Recoat** 5 days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss [illegible] **Film** [illegible]

Special Tests

CL 1-14-42

DATE	SLIP NO.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	1-6-42	
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	"	
Gloucester		

0007-SWP-062065

FORMULA RECORD

A135 5-41

Exp. No. ..... Date 9/26/41 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 29 See No. 28

POUNDS	GALLONS	MATERIAL No.
200		20 L
85		1403 K or T
470		412
526		BW 102
	24	(5091)
	3 1/4	(48)
		( )
	29	(5091)
	3/4	(5093)
	1 3/4	(543)
	1/4	(152)
	4 1/4	(348)
		( )

Customer S.W.Co.

To Match Std.

Reason for Revision ALL FACTORIES EXCEPT CHICAGO To conserve titanium oxide. See ABH letter of 9/10/41 Subj: Raw Material Conservation TEMPER THIN BATCHES WITH 1/8 to 1/4 GAL. (320) TO EACH 100 GAL.

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

Viscosity ..... at ..... hrs. after grind

Wt./Gal. 117.30

Baume .....

Std. of Fineness .....

Normal Output 100

Est. Mfg. Loss 2%

Department B

Parallel No's .....

Label Analysis Checked-Date

Label: No Red ☐ Red ☒ 10-27-41

New Std. Sample Required

Date Rec'd

Mill

Lbs. or Gals. per hour

Approved

Formulator

Supt.

CARDS

0007-SWP-062066

MANUFACTURING INSTRUCTIONS:

Same as H 4757. Identical

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. Recoat 4-5 days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Tough & hard

Special Tests

DATE	SLIP NO.	AMOUNT
Pigment 61		
Swaols leaded zinc oxide		39
Basic Sulfate wh. Pd.		14
Zinc Oxide		25
Basic Carbonate wh. Pd		37
Titanium-Magnesium		24
Vehicle 39		
Raw L.O. 80%		
Heat Treated L.O.		9
Dryer		

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	10.6-H1	
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	"	
Gloucester	"	

0007-SWP-062067

FORMULA RECORD

A135 8-41 30M

Exp. No. _____ Date 10-27-41 Class 6 TS Rev. No. 471 4

Name Gloss White Card No. 30 See No 29

POUNDS	GALLONS	MATERIAL No.
170		20 L
105		1405 K or
500		412
400		(350#) BN 102) (0.69 (12)# (6.2 (5091)
		1/8 1/4 6 (320)
	1/4	(12)
	2	(5091)
	3 1/4	(482)
		( )
	30	(5091)
	3/4	(5093
	1 3/4	(543)
	1/4	(152)
	5	(348)

Customer .".Co.

To Match Std.

T ALL FACTORIES EXCEPT CHI-

Reason for Revision To conform to Acego lead recommendation of Chi. Tech.meeting 10-2&3-41

TEMPER THIN BATCHES WIT TO EACH 100G.

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

Viscosity at hrs. after grind

Wt./Gal. T16.64

Baume

Std. of Fineness 2P

Normal Output 100

Est. Mfg. Loss

Department 9

Parallel No's

Label Analysis Checked-Date

Label: No Red ☒; Red ☐

New Std. Sample Required Yes

Date Rec'd 10-31-41

Mill 3 12-30-41

Lbs. or Gals. per hour

Approved

Formulator

Supt.

0007-SWP-062068

MANUFACTURING INSTRUCTIONS:

Application: Surface Bldgs. No. Coats Coat 2

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 0 hrs. Recoat 1-5 days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Tough & hard

Special Tests

DATE	SLIP No.	AMOUNT
Pigment: by		
sublimed leaded zinc oxide		44 %
Basic Sulfate wh. lead		15
zinc oxide		29
Basic Carbonate wh lead		31
Titanium magnesium		21
Titanium oxide		4
Vehicle 34 %		100
Raw Oil 80 % : Heat Tr. Oil 9 %		
Drier 11		

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	11-5-41	
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	"	
Gloucester	"	

0007-SWP-062069

FORMULA RECORD

A135 5-4-5-1013

Exp. No. Date 7/11/41 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 28 See No. 2

POUNDS	GALLONS	MATERIAL No.
212		20 L
54		1403
71		2030 K or
470		412
350		BW [illegible]
ANY APPROVED GRADE OF		
1403 MAY BE USED		
1/4		(12) W
25		(5091)
3 1/4		(48)
		( )
31		(5091)
3/4		(5093)
1 3/4		(543)
1/4		(152)
5 1/2		(348)

Customer S.W. Co. CR 9-29-41

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision To conserve titanium; reducing titanium 25% and adding [illegible] 18%.

[illegible] TEMPERATURE [illegible] 1/8 to 1/4 gal. (320) to each 100 gal.

Viscosity 28-30" #3 @ 75° at hrs. after grind

Viscosity at hrs. after grind

Wt./Gal. 116.34

Baume

Std. Thickness

Normal Output 100

Est. Mfg. Loss 2%

Department B

Parallel No's

Label Analysis Checked-Date 7-6-41

Label: No Red ☐; Red ☐

New Std. Sample Required Yes

Date Rec'd

Mill Roller

Lbs. or Gals. per hour

Approved

Formulator

Supt.

CARD NO.

0007-SWP-062070

MANUFACTURING INSTRUCTIONS:

~~Same as H 4787. Identical~~

Application: Surface Bldgs. **No. Coats** Good 2

Undercoater Used **No. Coats**

Method 1 Bursh

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10 hr **Recoat** 4-5 days **Sand**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Tough & hard

Special Tests

"N"

DATE	SLIP NO.	AMOUNT
Pigment lb		
Sweetlo	Leaded Zinc Oxide	43
	Basic Sulfate Wh	lead 15
	Zinc Oxide	22
	Basic Carbonate Wh	lead 27
	Titanium Magnesium	26
	Titanium Oxide	4
Vehicle 34%		
	Raw L.O	50
	Heat Treated L.O	4
Dric-		

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	7-11-41	
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	"	

FORMULA RECORD

Exp. No. ____ Date 5/13/41 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 27 See No. 26

240	LBS.	20 L
64	"	14Oz
86	"	2030 K or T
470	"	412
	"	
220	"	BW 102
		ANY APPROVED GRADE OF
		1403 MAY BE USED
1/2	GALS.	(12R)
29	"	(5091)
3/4	"	(48)
	"	( )
89	"	(5091)
3/4	"	(5093)
1 3/4	"	(543)
1/4	"	(152)
6	"	(348)

Customer S.W.Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Wgt./Gal. 15.80 Grind 2 P Label Required No

Be. ____ Visc. 26-30" #3 @ 75°

Gals. per hour ____ Mill ____

New Sample Required Yes Date Rec'd ____

Reason for Revision To aid in control of dirt collection and graying. Reverting to linseed oil per V. Mills 5/6/41 2-11-41

Temper Thin Batches with 1/8 to 1/4 gal. (320) to each 100 gal.

Normal Output 100 Approved ____

Est. Mfg. Loss 2 Formulator ____

Department B Supt. A. B. H.

Label Analysis Checked-Date 5-15-41 M

A135 4-41 S-953

CARD NO. 2078.373

0007-SWP-062072

MANUFACTURING INSTRUCTIONS:

Same as H 4787. Identical

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 & hard

Special Tests _____

PRODUCTION		
DATE M	SLIP No.	AMOUNT
Pigment	65%	
SW Co. Lo Leaded Zinc Oxide		45
Basic Sulfate Ch. Ld		11
Zinc oxide		29
Basic Carb. Wh. Lead		18
Titanium Magnesium		32
Titanium Oxide		5
Vehicle	35	
Raw Linseed oil		80
Heat Tr. lin. oil		9
Drier		11

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	5-22-41			ALLIED RESEARCH	5-22-41		
NEWARK	"			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			ARGENTINE	"		
LOS ANGELES	"			CUBA	"		
MONTREAL	"			M-S	"		
COST DEPT	"			CHI TECH. SERV	"		

CS 5 & 7.41 Gloucester

0007-SWP-062073

FORMULA RECORD

Exp. No. ____ Date 7-19-40 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 26 See No. 25

470	LBS.	412
350	"	2030 T
240	"	20 L
220	"	BW 102
	"	1308# Base
	"	
	"	
1/2	GALS.	(12) W
29	"	(5091)
	"	( )
12	"	(5091)
13	"	(418)
7	"	(~~2383~~) (3017)
3/4	"	(5093)
1 3/4	"	(543)
1/4	"	(152)
6	"	(348)
		320

Customer S W

To Match Std

ALL FACTORIES EXCEPT CHICAGO.

Weight Per Gal. T15.78 Visc. 26-30" #3 @ 75°F

Baume ____ Std. of Fineness 2 P No Label Required

Lbs. Gals. per hour ____ Mill ____

New Std. Sample Required Yes Date Rec'd ____

Reason for Revision Imprime with suggested formula #2 of CDH letter, 6-10-40, sub: SWP., using Dehydrol Soya Bean Oil combination.

TEMPER THIN BATCHES WITH 1/8 to 1/4 gal. (3017) to each 100 gal.

Normal Output 100 Approved Formulator

Est. Mfg. Loss 2%

Department B Supt.

Label Analysis Checked-Date 3-6-41

~~FILL TO THIN BATCH CANS~~ Removed per D.A. 5-2-41

A135 11-39 2863 (E.P.)

MANUFACTURING INSTRUCTIONS: Same as H-4787 Identical.

PRODUCTION		
DATE	SLIP No.	AMOUNT
Pigment	65	
5% Oxide	Leaded zinc oxide	11.45
Basic	Sulfur lead	11
Zinc Oxide		29
Basic Carbonate	lead	17
Titanium	Magnesium	38
Titanium	oxide	5
Vehicle	35	
Raw	Linseed oil	80
Heat	Tr. Linseed oil	9
Drier		11
See next card for 'L' Working Changed		

Reduction: Amount ____ Reducer Used ____

Application: Surface Wood Method Brush

No. Coats Good 2 Undercoater Used ____

Drying Time: Touch 10 hrs Handle ____ Recoat 24 hrs

Rub ____ Sand ____ Wrap ____ Stencil ____

Baking Time and Temp. ____

Gloss Oil Film Tough Long

Special Tests ____

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	7-31-40			ALLIED RESEARCH	7-31-40		
NEWARK	" ✓			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	" ✓			DETROIT	"		
DALLAS	" ✓			LONDON Argentine	"		
LOS ANGELES	"			AUSTRALIA Cuba	"		
MONTREAL	"			M-S	"		
COST DEPT.	"			CHI. TECH. SERV. Gloucester	"		

✓ Chg sent by wire 8/4/40 - J. Ries

0007-SWP-062074

FORMULA RECORD

Exp. No. ____ Date 4-4-40 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 25 See No. 24

470 LBS. 412	Customer S W
150 " 2030	To Match Std
240 " 20 L	
"	Weight Per Gal. 15.80 Visc. 25-30" #3
220 " BW 102	Baume ____ Std. of Fineness 2 P No Label Required
FILL IN TIN PLATE CANS	Lbs. Gals. per hour ____ Mill ____
"	New Std. Sample Required Yes Date Rec'd ____
"	Reason for Revision To replace linseed oil
1/2 GALS. (12) W	with (2325) & (418) per Mills.
26 1/4 (5091)	NOTE: If consistency low, replace
4 " (2325)	a portion of 20 L with 30 HO to
2 " (418)	obtain at least 26" #3
" ( )	
29 " (5091)	Normal Output 100 Approved ____
3/4 " (5093)	Est. Mfg. Loss 2% Initials ____
1 3/4 " (543)	Department B Supt. ____
1/4 " (152)	Label Analysis Checked-Date ____
6 348	

CARD NO. 25

ALL FACTORIES EXCEPT CHICAGO

A135 11-39 2863 (E.P.)

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

Reduction: Amount ____ Reducer Used ____

Application: Surface Plaga Method Brush

No. Coats Solid 2 Undercoater Used ____

Drying Time: Touch 1½ hrs Handle ____ Recoat 2-4 days

Rub ____ Sand ____ Wrap ____ Stencil ____

Baking Time and Temp. ____

Gloss Oil Film Tough

Special Tests ____

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	4-25-40			ALLIED RESEARCH	4-25-40		
NEWARK	"			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			LONDON Argentis	"		
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			M-S	"		
COST DEPT.	"			CHI. TECH. SERV. Gloucester			

0007-SWP-062075

FORMULA RECORD

Exp. No. Date 1-4-40 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 24 See No.

470	LBS.	412 ✓	
150	"	2030 T or K	
240	"	20 L ✓	
220	"	BW 102	
FILL IN	"	TIN PLATE CANS	
	"		
	"		
	"		
1/2	GALS.	12	)
29	"	5091	)
3 1/4	"	48	)
	"	(	)
29	"	5091	)
3/4	"	5093	)
1 3/4	"	543	)
1/4	"	152	)
6	"	348	)

Customer S W Co.

To Match Std

Weight Per Gal. 15.80 Visc. 25-30" # 3 Ford 4/1 sec. Buff 7/1 ps

Baume Std. of Fineness 2 P No Label Required

Lbs. Gals. per hour Mill

New Formula Required YES Date Rec'd

Reason for Revision

Slow drying. See letter from CDH 12-27-39. NOTE: If consistency low, replace a portion of 20 L with 20 HO to obtain at least [illegible]

Normal Output Approved Formulator

Est. Mfg. Loss 10% 2%

Department B Supt.

Label Analysis Checked-Date ✓ PJB

A135 8-37 4184

CARD NO. 25

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

Reduction: Amount Reducer Used

Application: Surface Slag. Method Brush

No. Coats solid 2 Undercoater Used

Drying Time: Touch 16 hrs Handle Recoat 2-4 days

Rub Sand Wrap Stencil

Baking Time and Temp.

Gloss Oil Film Tough

Special Tests

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	1-19-40			ALLIED RESEARCH	1-19-40		
NEWARK	"			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			LONDON Argentina	"		
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			M-S	"		
COST DEPT.	"			CHI. TECH. SERV.			
Vic Bell 3/27/40				Glouchester	"		

0007-SWP-062076

FORMULA RECORD

Exp. No. ____ Date 1-4-40 Class 6 TS Rcx. No. 471

Name SWP Gloss White Card No. 23 See No. ____

1410 LBS. 412
450 " 2030 Tior K
720 " 20 L

750 " BW 103

FILL IN TIN PLATE CANS

" "

" "

1½ GALS. (12 W
75 " (5091)
9 3/4 " (48)
" ( )
87 " (5091)
2 1/4 " (5093)
5 1/4 " (543)
3/4 " (152)
18 " (348)

Customer S W
To Match Std

Weight Per Gal. 15.80 Visc. ____
Baume ____ Std. of Fineness 2-P No Label Required
Lbs. Gals. per hour ____ Mill ____
New Std. Sample Required Yes Date Rec'd ____
Reason for Revision ____

Improve drying - See letter from CDH 12-27-39
NOTE: If consistency low, replace a portion of 20 L with 20 HO to obtain at least 28"#3.

Normal Output 300 Approved ____
Formulator RB
Est. Mfg. Loss 2%
Department B Supt. ____
Label Analysis Checked-Date ____

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

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

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND				ALLIED RESEARCH	1-14-40		
NEWARK				GIBSSBORO			
KENSINGTON	1-14-40	1-14-40		DAYTON			
PLAY				DETROIT			
HILLS				LONDON			
COAMINGLES				AUSTRALIA			
MONTREAL							
				TECH. SERV.			

0007-SWP-062077

FORMULA RECORD

Ext. No. _____ Date 9-12-39 Class 6 T S Rev. No. 471

Name S W P Gloss White Card No. 23 See No. 22

470	LBS.	412
150	"	2030 T or K
240	"	20 L
220	"	BW 102
	"	
	"	
	"	
1/2	GALS.	(12 W)
29	"	(5091)
3 1/4	"	(48)
	"	( )
29	"	(5091)
1 1/4	"	(543)
5/8	"	(5093)
6 1/2	"	(348)
	"	( )

"SEE OTHER SIDE FOR MANUFACTURING INSTRUCTIONS"

Customer S W Co.

To Match Std.

Weight Per Gal. 15.75 Visc. 26-30" #3 @ 75 F

Baume Std. of Fineness 2 PB Label Required

Lbs. Gals. per Mill

New Std. Sample Required Yes Date Rec'd 9-19-39

Reason for Revision

Utilization of new pigment adopted result Trade Sales review per N.E. Van Stone

TIN PLATE CANS

Normal Output 100 Approved Formulator Wm J Bartell

Est. Mfg. Loss 2% Department B Supt. [illegible]

Label Analysis Checked-Date

A135 8-37 4184

MANUFACTURING INSTRUCTIONS: IF BATCHES TURN OUT CONSISTENTLY WITH LOWER VISCOSITY THAN STANDARD REPLACE PART OF 20 L with 20 H O UP TO 50%; USUALLY 33 1/3% AS 20 HO RESULTS WITH CORRECT VISC. IN EMERGENCY OF THIN BATCH TEMPER WITH ~~NOT OVER 1/2% (324)~~

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldg Method Brush

No. Coats Solid 2 Undercoater Used 2-4 D-25

Drying Time: Touch 10 Hrs Handle _____ Recoat ~~4-5 Days~~

Rub _____ Sand _____ Wrap _____ Stencil _____

Baking Time and Temp. _____

Gloss Oil Film Tough

Special Tests _____

'R' PRODUCTION		
DATE	SLIP No.	AMOUNT
Pigment	65	
*SWOZ6	Lead Zinc Pigment	45
White	Lead Carbonate	18
Titanium	Magnesium	32
Titanium	oxide	5
W-B	*Basic Sulfuric Acid	16
10-6-39	Zinc oxide	39
Vehicle	35	
Linseed	oil	89
Driers		11

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	9-15-39	08 9/7/39		ALLIED RESEARCH	9-15-39	08 9/7/39	
NEWARK	"	"		GIBBSBORO	"	"	
KENSINGTON				DAYTON		"	
OAKLAND	"	"		DETROIT	10-17-39		"
DALLAS	"	"		LONDON			
LOS ANGELES	"	"		AUSTRALIA	Argentine 12-29-39		
MONTREAL	"	"		M-S	"	"	
COST DEPT.		"		CHI. TECH. SERV.	"		

follows with [illegible] Lancaster City 10/9/39

0007-SWP-062078

FORMULA RECORD

Exp. No. [illegible] Date 9-12-39 Class 6 T S Rex. No. 4717

Name S W P Gloss White Card No. 22 See No. 21

1410 LBS. 412	Customer S W CO
450 " 2030 T or K	To Match Std.
720 " 20 L	
"	Weight Per Gal. 15.75 Visc. 26-30" #3 @ 75 F
750 " BW 303	Baume Std. of Fineness 2 P NO Label Required
"	Lbs. Gals. per hour Mill
CHICAGO ONLY	New Std. Sample Required Yes Date Rec'd
"	Reason for Revision
1 1/2 GALS. (12 W)	Utilization of new pigment
75 " (5091)	adopted result Trade Sales Review
9 3/4 " (48)	per N.E. Van Stone
" ( )	TIN PLATE CANS ONLY
87 " (5091)	
3 3/4 " (543)	Normal Output Approved Formulator [signature]
1 7/8 " (5095)	Est. Mfg. Loss
19 1/2 " (348)	Department Supt. [signature]
" ( )	Label Analysis Checked-Date

A135 1-39 3173

MANUFACTURING INSTRUCTIONS: IF BATCHES TURN OUT CONSISTENTLY WITH LOWER VISCOSITY THAN STANDARD REPLACE PART OF 20 L WITH 20 HO UP TO 50%; USUALLY 33 1/3% as 20 HO results with correct visc. In EMERGENCY OF THIN BATCH TEMPER WITH NOT OVER 1/2 % (324)

PRODUCTION		
DATE	SLIP No.	AMOUNT
W-8		
10-6-39		

Reduction: Amount Reducer Used

Application: Surface Bldgs Method Brush

No. Coats Solid 2 Undercoater Used 2-4 Days

Drying Time: Touch 10 Hrs Handle Recoat ~~4-5 Days~~

Rub Sand Wrap Stencil

Baking Time and Temp.

Gloss Oil Film Tough

Special Tests

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND				ALLIED RESEARCH			
NEWARK	9353C	B 10/17/39		GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL	[illegible]			M. C.			
[illegible] DEPT.				CHI. TECH. SERV.	9-1555	[illegible]	[illegible]

0007-SWP-062079

FORMULA RECORD

Exp. No. ____ Date 7-28-39 Class 6 TS Rex. No. 471

Name SWP Gloss White Card No. 22 See No. 21

500 LBS 412	Customer S W
108 " 1403 U or C	To Match Std
164 " 20 HO	T16.44 29" #3 @ 75° F. Fresh
"	Weight Per Gal A16.66 Visc. 25" #3 @ 75° Next day
"	Baume ____ Std. of Fineness 2 P No Label Required
"	Lbs. Gals. per hour ____ Mill ____
"	New Std. Sample Required Yes Date Rec'd ____
"	Reason for Revision
1/2 GALS. (12) W	To use BW 102 containing 12% oil
2 " (48)	in place of 13% - See letter from
29½ " (5091)	C.E. ~~Deeds 7-27-39~~
" ( )	See Card #23
384 LBS (--) BW 102	FILL IN TIN PLATE CANS
29 GALS (5091)	Normal Output 100 Approved Formulator PB
1 1/4 " (543)	Est. Mfg. Loss 2%
5/8 " (5093)	Department B Supt. CBH
6 " (348)	Label Analysis Checked-Date 8-30-39

A135 2-39 3303

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

Reduction: Amount ____ Reducer Used ____

Application: Surface Oldgs. Method Brush

No. Coats Solid 2 Undercoater Used ____

Drying Time: Touch 1 hrs Handle ____ Recoat 4-5 days

Rub ____ Sand ____ Wrap ____ Stencil ____

Baking Time and Temp. ____

Gloss Oil Film Tough

Special Tests ____

FACTORY	FORMULA	SPEC. CARD	STD.SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD.SAMPLE
CLEVELAND	8-17-39			ALLIED RESEARCH	8-17-39		
NEWARK	"			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			M-S			
COST DEPT.	"			CHI. TECH. SERV.			

0007-SWP-062080

FORMULA RECORD

Exp. No. ____ Date 4-13-39 Class 6 T5 Rex. No. 471

Name [illegible] Gloss White Card No. 21 See No. 20

500	LBS.	412
108	"	1403 U or G
164	"	20 HO
	"	
	"	
	"	
	"	
	"	
½	GALS.	(12 W)
2	"	(48)
29	"	(5091)
	"	( )
387 lbs		(DW 103 dry
29 gals		(5091)
1¼	"	(543)
5/8	"	(5093)
6	"	(348)

Customer S. Co.

To Match Std.

Weight Per Gal. T 16.44 29" #3 @ 75° F. Fresh / 16.66 Visc. 25" #3 @ 75° F Next day

Baume ____ Std. of Fineness 2 P No Label Required

Lbs. Gals. per hour ____ Mill ____

New Std. Sample Required Yes Date Rec'd 4-4-39

Reason for Revision minimize tendency of wrinkling

FILL IN TIN PLATE CANS

Normal Output 100 Approved

Est. Min. Loss 2 Formulator

Department B Supt.

Label Analysis Checked-Date

A135 10-38 2868

CARD NO.

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT
Pigment	lb	
*Sunzlo	lead zinc	Pigment 40.5
White	Lead Carbonate	30.0
Titanium Magn		Pigment 245
*Basic	Sulphate	16
Zinc	oxide	29.5
Vehicle	34	
linseed	oil	90
Drier		10

Reduction: Amount ____ Reducer Used ____

Application: Surface Buildings Method Brush

No. Coats Bottom 2 Undercoater Used ____

Drying Time: Touch [illegible] Handle ____ Recoat 4-5 days

Rub ____ Sand ____ Wrap ____ Stencil ____

Baking Time and Temp. ____

Gloss Oil Film Tough

Special Tests ____

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	5-8-39			ALLIED RESEARCH	5-8-39		
NEWARK	"			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			M-S			
COST DEPT.	"			CHI. TECH. SERV.			

0007-SWP-062081

FORMULA RECORD

Exp. No. 2 73 Date 6-24-38 Rex. No. 471

Name S.W.P. GLOSS WHITE Card No. 20 See No. 19

500	LBS.	412
108	"	1403 K
164	"	20 L
	"	
	"	
	"	
	"	
	"	
	"	
1/2	GALS.	(12 W)
4	"	(2281)
27	"	(5091)
	"	( )
387	lbs.	( ) BW 102
32	gals	(5091)
1 1/4	"	(543)
5/8	"	(5093)
3	"	(348)

Customer S. W. Co.

To Match Std.

Weight per Gal. [redacted] Disc. [redacted] #3 @ 75°F

Baume [redacted] Fineness [redacted]

☐ Red ☒ No Label Required

Lbs. Gals. per hour Mill

New Std. Sample Required Yes Date Rec'd 6/20/38

Reason for Revision Adopted Trade Sales Review per N. E. VanStone and to minimize crystallization

~~FIELD NOTES PLATE GANG ONLY~~

Normal Output 100 Approved Formulator

Est. Mfg. Loss 2% Supt.

Department B

Label Analysis Checked-Date

A135 9-37 2564

CARD NO.

MANUFACTURING INSTRUCTIONS:

"J"

Pigment 66%

*Swarlo Lead Zinc Pigment 30

White Lead Carbonate 30

Titanium Magnesium 24.5

Reduction: Amount Reducer Used

Application: Surface Bull Wing Method Brush

No. Coats Solid-two Undercoater Used

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

Rub Sand Wrap Stencil

Baking Time and Temp.

Gloss Oil Film Tough

Special Tests

PRODUCTION

Date	Slip No.	Amount
*Basic Sulphate		16.0
Zinc oxide		29.5
Vehicle 34%		
Linseed oil		20
Drier		10

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	7-14-38			ALLIED RESEARCH	7-14-38		
NEWARK	"			GIBBSBORO	"		
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

0007-SWP-062082

FORMULA RECORD

Exp. No. 7 Date 5-17-38 Rex. No. 471

Name W. P. Gloss White Card No. 19 See No. 18

500	LBS.	412
108	"	1403 K 6-7-38
164	"	20 L
387	"	BV 102
	"	
	"	
	"	
	"	
1/2	GALS.	(12)
3	"	(48 X)
26	"	(5091)
	"	( )
30 1/2	"	(5091)
5 1/2	"	(440)
3	"	(348)
	"	( )
		( )

Customer S-W Co.

To Match Std.

Weight Per Gal. 16.4 Disc. 5-27 75° F

Baume Std. of Fineness 2 P ☐ Red ☒ No Label Required

Lbs. Gals. per hour No label

New Std. Sample Required Yes Date Rec'd

Reason for Revision

Temporary formula as result of Trade Sales Review per [illegible] Van Stone.

CARD NO. 2

ALL FACTORIES EXCEPT CHICAGO

Normal Output 100 Approved Formulator

Est. Mfg. Loss 2%

Department B Supt.

Label Analysis Checked-Date

A135 9-37 2564

MANUFACTURING INSTRUCTIONS: "I"

Pigment 66%
* White Lead 46%
Zinc oxide 29.5
Titanium Magnesium Pigm. 24.5

Reduction: Amount Reducer Used

Application: Surface Method

No. Coats Undercoater Used

Drying Time: Touch Handle Recoat

Rub Sand Wrap Stencil

Baking Time and Temp.

Gloss Film

Special Tests

PRODUCTION

Date	Slip No.	Amount
*Basic Carbonate		65%
" Sulf.	" "	35 "
Vehicle 34%		
Linseed Oil		90%
Drier		10

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	5-17-38	C 26-7		ALLIED RESEARCH	5-17-38	C 26-7	
NEWARK	"	"		GIBBSBORO	"	"	
KENSINGTON	"	"		DAYTON	"	8-13-40	
OAKLAND	"	"		DETROIT			
DALLAS	"	"		LONDON			
LOS ANGELES	"	"		AUSTRALIA			
MONTREAL	"	"		N.Y.C.	"	"	
COST DEPT.	"	"					

0007-SWP-062083

FORMULA RECORD

Exp. No. ____ Date 12-11-35 Rex. No. 471

Name S. W. P. GLOSS WHITE Card No. 18 See No. ____

525	LBS.	412
115	"	1403
115	"	20 L
	"	
	"	
	"	963# Base
	"	
	"	
27	GALS.	(5091)
464	"	( )
460 LBS		(BW 102)
3 Gal.		(348)
1/2	"	(12 W)
4 1/2	"	(2241)
1/8	"	(152)
33	"	(5091)
	"	( )

Customer S.W. CO.

To Match STD.

28-30" #3 @ 75°F

Weight Per Gal. 17.25 Visc. ~~36" #5 @ 75°F~~

Baume ____ Std. of Fineness 2 B ☐ Red ☒ No Label Required

Lbs. Gals. per hour 1/2 Mill

Std. Sample Required Yes Date Rec'd

Reason for Revision

To use oilsolate drier per letter from V. Mills 12-11-35.

NO ALL FACTORIES EXCEPT CHICAGO

Normal Output 100 Approved Formulator

Est. Mfg. Loss 2%

Department B Supt. H. B. E.

Label Analysis Checked-Date

A135 10-36 2769

MANUFACTURING INSTRUCTIONS:

See letter from W. A. Miller, 5-11-36- 1st batch Rx 471 using (2241) in place of (2246) made 5-11-36

Reduction: Amount ____ Reducer Used ____

Application: Surface Buildings Method Brush

No. Coats Solid-two Undercoater Used ____

Drying Time: Touch 10 hrs. Handle ____ Recoat 4-5 days

Rub ____ Sand ____ Wrap ____ Stencil ____

Baking Time and Temp. ____

Gloss Oil Film Tough

Special Tests * Basic Pd. Carb. 68%
" Pd. Sulf. 32.

PRODUCTION

Date	Slip No.	Amount
Pigment	67%	
* White Lead		50.5
Zinc Oxide		29.5
Titanium Dioxide		10.0
Mag. Silicate		10.0
Vehicle	33%	
Linseed Oil		90%
Japan Drier		10

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	12-13-35	8-6-37	8-11-37	ALLIED RESEARCH	12-13-35	8-6-37	8-11-37
NEWARK	"	"	"	GIBBSBORO			
KENSINGTON				DAYTON	3-8-39		
OAKLAND	"	"	"	DETROIT			
DALLAS	"	"	"	LONDON	1-10-36		
LOS ANGELES	"	"	"	AUSTRALIA			
MONTR	"	"	"				
COST DEPT.	"	"	"				

0007-SWP-062084

FORMULA RECORD

Exp. No. _____ Date 9-5-35 Rex. No. 471

Name S. W. P. Gloss White Card No. 17 See No. 16

525	LBS.	412
400	"	18
115	"	1403
115	"	20L 9-12-35
	"	
	"	1402# Base
	"	
	"	
32	GALS.	(5091)
	"	( )
2	"	(348)
1	"	(12 W)
34	"	(5091)
3	"	(440)
4	"	(2246)
1/8	"	(152)
X	"	( )

Customer S. W. Co.

To Match Std.

Weight Per Gal. 11.25 Viscosity 36" #3 @ 75° F.

Baume _____ Std. of Fineness 2 P ☐ Red ☒ No Label Required

Lbs. Gals. per hour _____ Mill _____

New Std. Sample Required No Date Rec'd _____

Reason for Revision To use new processed oil

CARD NO. 18

ALL FACTORIES EXCEPT CHICAGO AND NEWARK

See Card 18

Normal Output 100 Approved Formulator _____

Est. Mfg. Loss 2%

Department B Supt. [illegible]

Label Analysis Checked - Date _____

A135 6-35 3568

MANUFACTURING INSTRUCTIONS: _____

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldgs. Method Brush

No. Coats Solid - 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

Special Tests _____

PRODUCTION		
Date	Slip No.	Amount

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	9-5-35			ALLIED RESEARCH	9-9-35		
NEWARK				GIBBSBORO			
KENSINGTON	"			DAYTON			
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

0007-SWP-062085

FORMULA RECORD

Exp. No. _____ Date 9-26-34 Rex. No. 471

Name S. W. P. Gloss White Card No. 16 See No. 15

525	LBS.	412
115	"	1403
115	"	20
	"	
	"	944# Base

Note: Use (2246) to reduce consistancy if too heavy. "

24 1/2	GALS.	(44)
460	LBS"	(-------)-BW 102
2	GLS"	(348)
1/2	"	(12 W)
34	"	(1)
3	"	(440)
4	"	(2246)
1/8	"	(152)
X	"	( ) X

Customer S. W. Co.

To Match Std.

Weight Per Gal. 17.25 Visc. 36" #3 @ 75° F.

Baume _____ Std. of Fineness 2 P ☐ Red ☒ No Label Required

Lbs. Gals. per hour _____ Mill _____

New Std. Sample Required Yes Date Rec'd _____

Reason for Revision Replace turpentine per V. Mills' letter 9-26-34.

ALL FACTORIES EXCEPT CHICAGO AND NEWARK

Normal Output 100 Approved Formulator _____

Est. Mfg. Loss 2%

Department B Supt. H B [illegible]

Label Analysis Checked - Date _____

A135 4-35 3321

MANUFACTURING INSTRUCTIONS:

"G"

Pigment 66%

* White Lead	50.5
Zinc oxide	24.5
Titanium Dioxide	10.0
Magnesium Silicate	10.0

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldgs. Method Brush

No. Coats Solid - 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

Special Tests _____

PRODUCTION

Date	Slip No.	Amount
Vehicle	34%	
Linseed	oil	90
Japan Drier		10
* Basic Lead Carb.		68%
"	" Sulf.	32
		100

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	6-14-35			ALLIED RESEARCH			
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL							
COST DEPT.							

0007-SWP-062086

FORMULA RECORD

Ex. No. _____ Date 5-1-35 Rex. No. 471

Name S. W. P. Gloss White Card No. 16 See No. 15

525	LBS.	412
400	"	18
115	"	1403
115	"	20
	"	
	"	1402# Base
	"	
	"	
6	GALS.	(1)
24	"	(44)
	"	( )
2	"	(348)
1	"	(12 W)
34	"	(1)
3	"	(440)
4	"	(2246) X
1/8 X	"	(152) X

Customer S. K. Co.

To Match Std.

Weight Per Gal. 17.25 Visc. 36" #3 @ 75° F.

Baume _____ Std. of Fineness 2 P ☐ Red ☒ No Label Required

Lbs. Gals. per hour _____ Mill _____

New Std. Sample Required No Date Rec'd _____

Reason for Revision Showing replacement of pulp lead when unavailable. (BW02)

ALL FACTORIES EXCEPT CHICAGO AND NEWARK

See card #17

Normal Output 100 Approved Formulator _____

Est. Mfg. Loss 2% Supt. [illegible]

Department B

Label Analysis Checked - Date _____

A135 4-35 3321

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldgs. Method Brush

No. Coats Solid - 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

Special Tests _____

PRODUCTION

Date	Slip No.	Amount

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	5-14-35			ALLIED RESEARCH			
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

0007-SWP-062087