FORMULA RECORD

CONTROL LAB Cleveland T. S. DATE 8-18-54 REX. NO. 493

NAME S W P Woodland Brown CARD NO. 19

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. *CAUTION:(8A12)POISON AVOID CONTACT WITH SKIN*USE GLOVES WHEN HANDLING.

Label Caution A1

WT./GAL T 8.98 VISC. 30± 2 sec. @75°F

GRIND 5H VISC. on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG

STOR. LOSS MILL Bar[illegible] [illegible]NING

SOLIDS RATE/HR. LABEL ANALYSIS N

PARALLELS no [illegible] 100°F+ LABEL: NO RED☐: RED☐

ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To improve brushing.

FORMULATOR [illegible] SHPT. [illegible]

SEE CARD NO. [illegible]

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
25	1.1	6324	2209
75	1.9	82C13	82C13
40	1.1	8280	1430
50	1.3	8260	1220
4	.3	7040	2501
3	.1	6805	18
100	14.1	BI 72	BI 72
?		BO 20	BO 20
?		AB 65	AB 65
?		BB 10	BB 10
166	22	(27C7)	(27C7)
60	8	(27A7)	(27A7)
23	3	(902)	(4230)
216	26	(3870)	(4106)
7	1	(948)	(543)
7	1	(1083)	(1767)
8	1	(8A12)	(8A12)*
133	20 1/4	(151)	(5027)

0007-SWP-062494

TO MATCH Neutral Oil Std. #92

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. 1493 [illegible] 8-26-54

CARD NO. 19 Trade Sales "

DATE 8-18-54 [illegible] Control "

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

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	8-26-54
PAINT RESEARCH	"	
KENS. TECH. SERV.	"	8-26-54
KENS. LACQUER		
NEWARK N	"	8-26-54
OAKLAND O	"	
M. SENOUR M	"	8-26-54
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-062495

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 6-19-52 REX. NO. 493

NAME S W P Woodland Brown CARD NO. 13

POUNDS	GALLONS	MATERIAL NO.
175	8.3	2188
95	2.8	1133
15	.4	1430
30	.6	412
110	3.1	1220
2	.1	104
6	.1	1128
25	.5	89
?		BO 1, BB 10
4	1/2	(5094)
287	38 1/4	(2538)
70	9	(2)
23	3	(4230)
166	20	(4106)
7	1	(543)
3	1/2	(5026)
89	13 3/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Std. #92

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

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

VISCOSITY on #3 cup AT ___ HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 10.86

BAUME

STD. OF FINENESS 4H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Ball Mill BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

0007-SWP-062496

MANUFACTURING INSTRUCTIONS:

1950-51 ~~2046~~ 50146

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 8-10hrs RECOAT 2-4days STENCIL _____

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Elastic

SPECIAL TESTS _____

Rex 493

DATE	SLIP NO.	AMOUNT
[illegible]	[illegible]	[illegible]
[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	"	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-062497

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 12-19-51 REV. NO. 493

NAME S W P Woodland Brown CARD NO. 11

POUNDS	GALLONS	MATERIAL NO.
150	7.1	2188
260	9.1	2170
60	1.7	1220
1	.1	2501
15	.5	22
20	.4	12311
30	.6	412
25	.5	89
6	.1	1128
?	BY 20,	BB 10, BO 31
4	1/2	(5094)
201	25	(310)
70	9	(2)
65	10	(348)
165	20	(4106)
23	3	(4230)
7	1	(543)
3	1/2	(5026)
86	13 1/4	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #92

REASON FOR REVISION Replacing 20 dry with 2188 dry for better texture, also increasing grind Limits.

VISCOSITY 25-30" @75°F. #3 HRS. AFTER GRIND

VISCOSITY #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 11.64

BALANCE

STD. OF FINENESS 4H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED H

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE RECD.

MILL Ball Mill BLEED

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

0007-SWP-062498

MANUFACTURING INSTRUCTIONS:

[illegible] SURFACE Wood Ext.

[illegible] NO. COATS 2 2

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2 _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Tough & Elastic

SPECIAL TESTS _____

Rex 493

DATE	SUPPLY	AMOUNT
[illegible]	[illegible]	1-2-52
[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	"	1-2-52
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	1-2-52
OAKLAND O	"	
M. SENOUR M	"	1-2-52
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062499

FORMULA RECORD

CONTROL LAB Cleveland T.S. DATE 3/30/50 REC. NO. 493

NAME S W P Woodland Brown CARD NO. 7

POUNDS	GALLONS	MATERIAL NO.
200	8.4	20
95	2.8	1133
15	.4	1430
30	.6	412
110	3.1	1220
2	.1	104
6	.1	1128
25	.5	89
?		BO 1
?		DB 10
4	1/2	(5094)
201	25	(48) or (310)
165	20	(4106)
70	9	(2)
65	10	(348)
23	3	(4230)
7	1	(543)
3 1/2	1/2	(4232)
3	1/2	(5026)
107	16 1/2	(348)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard Neutral Oil Std #92 AT 5-17-50

REASON FOR REVISION To show (310) as alternate for (48) and add (5094).

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

VISCOSITY On #3 Cup AT HRS. AFTER GRIND

% SOLIDS (RUN) ROYALTY: YES ☐; NO ☐; WT ☐

WT./GAL. T 11.69 LABEL ANALYSIS CHECKED

BAUME LABEL NO. RED ☐; RED ☐

STD. OF FINENESS 3H NEW STD. SAMPLE REQUIRED

NORMAL OUTPUT 100 DATE REC'D

EST. MFG. LOSS 2% MILL Ball Mill BLEED?

DEDUCT LBS. OR GAL. PER HOUR

PACKAGE APPROVED

PARALLEL NO.'S FORMULATOR

No parallel

SUPT.

CARD

0007-SWP-062500

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood

NO. COATS 1 & 2

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 Tough & Elastic

SPECIAL TESTS _____

493

DATE	SLIP NO.	AMOUNT
Mem	4/7/50	
[illegible]	"	
[illegible]	"	
[illegible]	"	
Schuck	"	
DD	"	
F. Dept	"	
Carlton	"	
[illegible]	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	4/7/50
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	4/7/50
OAKLAND O	"	
M. SENOUR M	"	4/7/50
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXEC. MFG.	"	
CUBA H	"	
MONTREAL G	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062501

FORMULA RECORD

CONTROL LAB Cleveland T.S. DATE 6/22/49 REX. NO. 4/3

NAME S W P Woodland Brown CARD NO. 6

POUNDS	GALLONS	MATERIAL NO.
200	8.4	20
95	2.8	1133
15	.4	1430
30	.6	412
110	3.1	1220
2	.1	104
6	.1	1128
25	.5	89
?		BO 1
? 4	1/2	BB 10 (5094)
201	25	(48) or (310)
165	20	(4106)
70	9	(2)
65	10	(348)
23	3	(4230)
7	1	(543)
3 1/2	1/2	(4232)
3	1/2	(5026)
107 ~~111~~	~~17~~ 16½	(348)

CUSTOMER Sherwin Williams Co.

TO MATCH Standard

REASON FOR REVISION To improve color an quality.

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

VISCOSITY On #3 Cup AT HRS. AFTER GE

% SOLIDS (RUN)

WT./GAL T 11.07

BAUME

STD. OPENNESS 3H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED DATE 12-29-49

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Ball Mill BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR B Thompson

SUPT. SFC

0007-SWP-062502

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood Bldg

NO. COATS 1 & 2

UNDERCOATER USED 450

METHOD 1: Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2: _____

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Tough, Elastic

SPECIAL TESTS _____

493

DATE	SLIP NO.	AMOUNT
R. Schantz	7-25-49	
[illegible]	6-23-49	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

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 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-062503

FORMULA RECORD · 6

CONTROL LAB Cleveland T. S. DATE 6-4-52 REF. NO. 493

NAME S W P Woodland Brown CARD NO. 12

POUNDS	GALLONS	MATERIAL NO.
175	8.3	2188
95	2.8	1133
15	.4	1430
30	.6	412
110	3.1	1220
2	.1	104
6	.1	1128
25	.5	89
?		BO 1
?		BB 10
4	1/2	(5094)
201	25	(810)
70	9	(2)
22 1/2	3	(4230)
65	10	(348)
166	20	(4106)
7	1	(543)
3	1/2	(5026)
111	17	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #92

REASON FOR REVISION Showing Ferrite replacement for 2170 dry and 12311 dry.

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

VISCOSITY OTI #3 cup AT HRS. AF

% SOLIDS (RUN)

WT./GAL. T 10.86

BAUME

STD. OF FINENESS 4H

NORMAL POUR PT.

EST. MFG. LOSS %

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES NO

LABEL ANALYSIS CHECKED

LABEL: NO. NEED NEW

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL BASE MILL BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

MANUFACTURING INSTRUCTIONS:

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 8-10hrs RECOAT 2-4days STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Elastic

SPECIAL TESTS

Rex 493

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

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	11	
CLEVELAND A	11	
KENSINGTON C	11	6-10-52
ALLIED RESEARCH	11	
KENS. TECH. SERV.	11	
KENS. LACQUER		
NEWARK N	11	6-10-52
OAKLAND O	11	
M. SENOUR M	11	6-10-52
DETROIT D	11	
LOS ANGELES P	11	
DALLAS T	11	
DAYTON L	11	
GIBBSBORO F	11	
EXEC. MFG.	4	
CUBA H	4	
MONTREAL G	4	
BUENOS AIRES Z	4	
BRAZIL S	4	
RES ADM	4	
MEXICO	4	

0007-SWP-062505

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 6-13-51 REV. NO. 493

NAME S W P Woodland Brown CARD NO. 10

POUNDS	GALLONS	MATERIAL NO.
175	7.4	20
260	9.1	2170
60	1.7	1220
1	.1	2501
15	.5	22
20	.4	12311
30	.6	412
6	.1	1128
25	.5	89
?	BY 20.BO 31. BB 10	
4	1/2	(5094)
201	25	(310)
165	20	(4106)
65	10	(348)
70	9	(2)
23	3	(901)
7	1	(543)
3	1/2	(5026)
84	13	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #92

REASON FOR REVISION Showing replacement for Ferrite.

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

VISCOSITY ON #3 CUP ___ HRS. AFTER GRIND

% SOLIDS (RUN) ___

WT./GAL. 11.87

BAUME ___

STR. OF FINENESS 3H

NORMAL OUTPUT 200

EST. MFG. LOSS ___

DEPARTMENT ___

PACKAGE ___

PARALLEL NO.'S No Parallel

ROYALTY ___ NO. ___ YES ___

LABEL ANALYSIS CHECKED ___

LABEL ___ NO. NEEDED; RED ___

NEW STD. SAMPLE REQUIRED ___

DATE REC'D ___

Ball Mill BLEED? ___

LBS. OR GALS. PER HOUR 18hrs

APPROVED ___

FORMULA ___

SUPT. ___

0007-SWP-062506

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood

NO. COATS 1 & 2

UNDERCOATER USED Rx 450

METHOD 1 Brush

REDUCTION: AMOUNT _____ REDUCER USED _____

METHOD 2

REDUCTION: AMOUNT _____ REDUCER USED _____

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

HARD _____ SAND _____ HANDLE _____

TACK FREE _____ RUB _____ WRAP _____

BAKING TIME AND TEMP. _____

GLOSS Oil FILM Tough & Elastic.

SPECIAL TESTS _____

493

	SLIP NO.	AMOUNT
Schaeff		
Mann Beyer	6-15-51	
Baldwin	"	
P. Fyt	"	
Schaub	"	
Teale Dales	"	
Carlson	"	
DU Pont	"	
W. Horne	"	
Thompson	"	

FACTORY	FORMULA	SPEC. CARD
CHEM. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	6-15-51
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	6-15-51
OAKLAND O	"	
M. SENOUR M	"	6-15-51
DETROIT D	"	
LOS ANGELES P	"	
DALLAS T	"	
DAYTON L	"	
GIBBSBORO F	"	
EXP. MFG.	"	
CU[illegible]	"	
MONTREAL [illegible]	"	
BUENOS AIRES Z	"	
BRAZIL S	"	
RES ADM	"	
MEXICO	"	

0007-SWP-062507

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 1-5-51 REV. NO. 493

NAME S W P Woodland Brown CARD NO. 9

POUNDS	GALLONS	MATERIAL NO.
200	8.4	20
95	2.8	1133
15	.4	1430
30	.6	412
110	3.1	1220
2	.1	104
6	.1	1128
25	.5	89
~~1~~		BO 1
~~1~~		BB 10
~~4~~	~~1/2~~	(5094)
~~201~~	~~25~~	(48) or (310)
~~165~~	~~20~~	(4106)
70	9	(2)
65	10	(348)
~~7~~	~~1~~	(543)
23	3	(901) or (900)
3	1/2	(5026)
110	17	(348)

CUSTOMER Sherwin-Williams Co

TO MATCH Neutral Oil Standard #92

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

VISCOSITY 25-30" @ 77 °F AT HRS. AFTER GRIND

VISCOSITY on #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL. T 11.09

BAUME

STD. OF FINENESS 3H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

DEPARTMENT

PACKAGE

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐ NO ☐ X ☐

LABEL ANALYSIS CHECKED

LABEL NO. RED ☐ RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

Ball Mill BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR

SUPT.

0007-SWP-062508

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood

NO. COATS 1 & 2

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 FILL Tough & Elastic

SPECIAL TESTS _____

Rex 493

DATE	SLIP NO.	AMOUNT
Mercy Bayes	1-17-51	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	
[illegible]	"	

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

0007-SWP-062509

FORMULA RECORD 6

A135

CONTROL LAB Cleveland T. S. DATE 5-17-50 REX. NO. 493

NAME S W P Woodland Brown CARD NO. 8

POUNDS	GALLONS	MATERIAL NO.
200	8.4	20
95	2.8	1133
15	.4	1430
30	.6	412
110	3.1	1220
2	.1	804
6	.1	1128
25	.5	89
?		BO 1
4 ?	1/2	BB 10 (5094)
201	25	(48) or (310)
165	20	(4106)
70	9	(2)
65	10	(348)
~~23~~	~~3~~	~~(4230)~~ (901) or (900)
7	1	(543)
~~3-1/2~~	~~1/2~~	~~(4232)~~
3	1/2	(5026)
110 ~~107~~	~~16 1/2~~ 17	(348)

CUSTOMER Sherwin-Williams Co.

TO MATCH Neutral Oil Standard #92

REASON FOR REVISION To show Neutral Oil Standard #92.

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

VISCOSITY #3 cup AT HRS. AFTER GRIND

% SOLIDS (RUN)

WT./GAL T 11.09

BAUME

STD. OF FINENESS 3H

NORMAL OUTPUT 100

EST. MFG. LOSS 2%

PACKAGE 5-51

PARALLEL NO.'S No Parallel

ROYALTY: YES ☐; NO ☐; X ☐; W ☐

LABEL ANALYSIS CHECKED-DATE 12.8.50

LABEL: NO. RED ☐; RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL Ball Mill BLEED?

LBS. OR GALS. PER HOUR

APPROVED

FORMULATOR [illegible]

SUPT. [illegible]

0007-SWP-062510

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood

NO. COATS 1 & 2

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 Tough & Elastic

SPECIAL TESTS _____

Rex 493

DATE	SLIP NO.	AMOUNT
Merry	5/19/58	
Beyler	"	
[illegible]	"	
Lester	"	
DD	"	
[illegible]	"	
Carlton	"	
[illegible]	"	
Schaub	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	"	
KENSINGTON C	"	5/19/58
ALLIED RESEARCH	"	
KENS. TECH. SERV.	"	
KENS. LACQUER		
NEWARK N	"	5/19/58
OAKLAND O	"	
M. SENOUR M	"	5/19/58
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-062511

FORMULA RECORD A135 WHITE

Ex. No. _____ Date 4/23/48 Class 6 Rex. No. 493 4

Name 78 W P Woodland Brown Card No. _____ Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
166		20 F
40		1133
40		1430
24		414 W) 60#
36		511) or 412
1		104
110		1220
6		1128
25		89
39 5		(2325)
112 14		(48)
85 11		(2)
4 1/2 1		(4090)
7 1		(4231)
3 1/2	1/2	(4232)
136 20		(348)
60 8		(4950)G or(2841)G
63 1/4 9	3/4	(348)
136 17		(48)
3 1/4	1/2	(5026)

Customer Sherwin Williams Co.

To Match Standard

Reason for Revision To use a 414 and 511 combination.

Viscosity 25-30# 275 deg F at _____ hrs. after grind

Viscosity On #3 Cup at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 10.71

Baume _____

Std. of Fineness 13H

Normal Output 100 V

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 _____ Shank Grind 5 hrs.

Mill Mill Bleed? _____

Lbs. or Gals. per hour _____ 5/14/48

Approved K. F. Sauer

Formulator _____

Supt. SFC

0007-SWP-062512

MANUFACTURING INSTRUCTIONS:

Application: Surface Buildings No. Coats 1 & 2

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

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

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Mod. Hard & Elastic

Special Tests

CS 5/14/48

DATE	SLIP No.	AMOUNT
MIKE	7/6/49	
[illegible]	4/12/49	
[illegible]	5/5/48	
[illegible]	"	
Otton	"	
Carlson	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	" Dup.	5/25/49
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	" Dup.	4/12/49
Dayton	B	"	
Gibbsboro	F	"	
Pittsburgh	H		
Cuba	V	"	
Montreal		"	
Buenos Aires	Z	"	
Brazil		"	
[illegible]		"	
T-S		"	

0007-SWP-062513

FORMULA RECORD A135 WHITE

Exp. No. Date 3/15/48 Class 6 Rex. No. 493

Name S W P Woodland Brown Card No. Replaces No. 3

POUNDS	GALLONS	MATERIAL No.
166		20 F
40		1133
40		1430
60		412
1		104
110		1220
6		1128
25		89
39	5	(2325)
112	14	(48)
85	11	(2)
9 1/2	1	(4090)
7	1	(4231)
3 1/2	1/2	(4232)
130	20	(348)
60	8	(4950)G or*
63 1/4	9 3/4	(348)
136	17	(48)
3 1/4	1/2	(5026)

Ball Mill Slush Grind 5hrs. *(2841)G

Customer Sherwin Williams Co.

To Match Standard LR

Reason for Revision To improve initial gloss and give closer match to standard

Viscosity 25-30ft @ 75 deg. Et. hrs. after grind

Viscosity On #3 Cup at hrs. after grind

% Solids (Run)

Wt./Gal. T 10.76

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 Ball Mill Bleed?

Lbs. or Gals. per hour

Approved

Formulator Karl F. Jane

Supt. 876

0007-SWP-062514

MANUFACTURING INSTRUCTIONS:

Application: Surface Buildings No. Coats 1 & 2

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

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

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard, Elastic

Special Tests

DATE	SLIP No.	AMOUNT
Myers	3/24/48	
Beyers	"	
Cotton	"	
Carlson	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		4	
Cleveland	A	"	
Kensington	C	"	3/24/48
Allied Research		4	
Kens. Tech. Serv.		4	
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		"	
Glenn		"	
T-S			

FORMULA RECORD

A135 WHITE

Ext. No. _____ Date 11/19/47 Class 6 Rex. No. 493

Name S W P Woodland Brown Card No. 3 Replaces No. 2

POUNDS	GALLONS	MATERIAL No.
220		20 L
80		1133
60		412
2		104
120		1220
6		1128
25		89
39	5	(2325)
104	13	(48)
85	11	(2)
9 1/2	1	(4090)
7	1	(4231)
3 1/2	1/2	(4232)
130	20	(348)
60	8	(4950)G or(2841)G
52	8	(348)
136	17	(48)
3 1/4	1/2	(5026)
Ball	Mill	Slush Grind 5hrs.

Customer Sherwin Williams Co.

To Match Std.

Reason for Revision To use (2325)

Viscosity 25-30 @ [illegible] deg F. at _____ hrs. after grind

Viscosity On #[illegible] Cup at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 11.22

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 X ☐; Red ☐

New Std. Sample Required _____

Date Rec'd _____

Mill Ball Bleed? _____

Lbs. or Gals. per hour _____

Approved Formulator Sam Huey

Supt. [illegible]

0007-SWP-062516

MANUFACTURING INSTRUCTIONS:

Application: Surface Buildings No. Coats 1 & 2

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

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

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard, Elastic

Special Tests

DATE	SLIP No.	AMOUNT
Mann	12/12/47	
Graham	"	
Carlson	"	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		"	
Cleveland	A	"	
Kensington	C	"	12/12/47
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		"	
Mann		"	

0007-SWP-062517

FORMULA RECORD — A135 WHITE 2-48 S-1147

Exp. No. _____ Date 4/8/45 Class 6 Rex. No. 493

Name S W P Woodland Brown Card No. 2 Replaces No. 1

POUNDS	GALLONS	MATERIAL No.
220		20 L/2
30		1133
50		412
2		104
120		1220
6		1128
	~~12~~ 15	(48) (48)
	11	(2) (2325)
	1	(4090)
	1	(4231)
	1/2	(4232)
	20	(348)
	1/2	(5026)
	8	(4950) G
	9	(348)
	17	(48)

Ball Mill slush grind 5hrs.

16.41

Customer S W Co.

To Match Std.

Reason for Revision Replacing (2325) and (1157) with (48) and (4950)G

6/24/47 HH.

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

Viscosity On Cup at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. 11.00

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 Ball Bleed? _____

Lbs. or Gals. per hour _____

Approved _____

Formulator [signature]

Supt. [signature]

0007-SWP-062518

493

MANUFACTURING INSTRUCTIONS:

Application: Surface Buildings No. Coats 1 & 2

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

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

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Flt Film Med. Hard, Elasti

Special Tests

c/ 3/29/47 c8 5/23/47 c8 6/24/48

DATE	SLIP No.	AMOUNT
N. Mills	2-24-47	

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		59-11	
Cleveland	A	11	
Kensington	C	11	5-9-46
Allied Research		11	
Kens. Tech. Serv.		11	
Kens. Lacquer			
Newark	N	11	
Oakland	D	11	
M. Senour	M	11	
Detroit	D	11	
Los Angeles	P	11	
Dallas	T	11	
Dayton	B	11	
Gibbsboro	F	11	
Pittsburgh	H		
Cuba	V	11	
Montreal		11	
Buenos Aires	Z	11	
Brazil		11	
Thom		11	
FS		11	

0007-SWP-062519

FORMULA RECORD

A135 WHITE L-45 3043

Exp. No. _____ Date 8-29-45 Class 6 TS Rex. No. 403 Y

Name S W P Woodland Brown Card No. _____ Replaces No. _____

POUNDS	GALLONS	MATERIAL No.
220		20 L
80		1133
60		412
2		104
120		1220
6		1128
	1/2	(5026)
	10	(2325)
	9	(48)
	8 1/2	(2)
	5	(4231)
	1	(4090)
	1	(4231)
	1/4	(4232)
	20	(348)
	20 1/2	(48)
	10	(348)

Customer S.W.Co.

To Match STD.

3.74 lbs oil/B a.m. 9-11-45

Reason for Revision Re-Aligning Trade Sale Rex-numbers. per letter V.Mill 7/30/45.

SUPERSEDES REX-393

Viscosity 20-26" @75° #3 at _____ hrs. after grind

Viscosity _____ at _____ hrs. after grind

% Solids (Run) _____

Wt./Gal. T 11.06

Baume _____

Std. of Fineness 3H

Normal Output 100

Est. Mill Loss 2%

Department M

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 10-11-45

Mill Ball Bleed? _____

Lbs. or Gals. per hour _____

Approved

Formulator Wm Rudisill

Supt. _____

0007-SWP-062520

MANUFACTURING INSTRUCTIONS:

Application: Surface Buildings No. Coats 1 & 2
Undercoater Used No. Coats

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

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

Send back [illegible]
[illegible] 9/2/45

DATE	SLIP No.	AMOUNT

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

0007-SWP-062521