MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldgs. Method Brush

No. Coats Good 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 & Hard

Special Tests _____

PRODUCTION		
Date	Slip No.	Amount

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	7-9 25			ALLIED RESEARCH	"		
NEWARK	"			GIBBSBORO			
KENSINGTON	"			DAYTON	"		
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

N16265

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

Reduction: Amount _____ **Reducer Used** _____

Application: Surface Glass **Method** Brush

No. Coats Good 2 **Undercoater Used** _____

Drying Time: Touch 1/2 hrs **Handle** _____ **Recoat** 4-5 days

Rub _____ **Sand** _____ **Wrap** _____ **Stencil** _____

Baking Time and Temp. _____

Gloss Oil **Film** Tough + hard

Special Tests _____

Void Void

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	E-22-41	10-17-41		ALLIED RESEARCH	E-22-41	10-17-41	
NEWARK	"			GIBBSBORO	"	"	
KENSINGTON	"	E-22-41		DAYTON	"	"	
OAKLAND	"	"		DETROIT	"	"	
DALLAS	"	"		ARGENTINE	"	"	
LOS ANGELES	"	"		CUBA	"	"	
MONTREAL	"	"		M-S	"	"	
COST DEPT	"	"		CHI. TECH. SERV.	"	"	

0007-SWP-061774

FORMULA RECORD

Exp. No. _____ Date 9-26-34 Rex. No. 460

Name S. W. P. # 460 Apple Green Card No. 7 See No. 6

640	LBS.	1526
100	"	20 ∠ 9-12-35
26	"	12204
2	"	11163
5	"	98
3	"	1133
	"	
	"	933# Base
15	GALS.	(2)
5	"	(213)
	"	( )
54	"	(2)
1	"	(12 W)
4	"	(31)
5	"	(348)
	"	( )
X	"	( )

Customer S W. Co.

To Match Std. Sample

Weight Per Gal. 14.18 Visc.

Baume _____ Std. of Fineness 2 P ☐ Red ☐ No Label Required

40 XX Lbs. Gal. per hour 50" [redacted]

New Std. Sample Required Yes [redacted] Date Rec'd [redacted]

Reason for Revision Replace [redacted]

V. Mills letter 9-26-34.

CARD NO. 8

Normal Output 100 Approved Formulator _____

Est. Mfg. Loss 2%

Department B Supt. [illegible]

Label Analysis Checked - Date _____ A135 4-35 3321

B

0007-SWP-061771

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 _____

SPECIAL TESTS _____

REX. NO. 460

CARD NO. 6

DATE 11-26-54

DATE	SLIP NO.	AMOUNT
Sale	12-3-54	
Paint Test	12-30-54	
Trade Sales		

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	11	
CLEVELAND A		
KENSINGTON C		
PAINT RESEARCH		
KENS. TECH. SERV.		
KENS. LACQUER		
NEWARK N		
OAKLAND O	11	
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-061776

FORMULA RECORD

Exp. No. _____ Date 9-2-36 Rex. No. 460

Name S. W. P. Apple Green Card No. 8 See No. 7

700	LBS.	1526
110	"	20 L
18	"	10620
9	"	10618
4-1/2	"	10619
7	"	B 10
	"	
	"	1074# Base
	"	
20-1/2	GALS.	(2)
8	"	(213)
1	"	(12 W)
	"	( )
43	"	(2)
5	"	(31)
4	"	(348)
	"	( )
X	"	( )

Customer S. W. Co.

To Match Standard Sample

Weight Per Gal. 14.35 Visc. 13" #3 2nd day

Baume ____ Std. of Fineness ____ ☐ Red ☑ No Label Required

Lbs. Grind ____ Mill ____

New Std. Sample Required Yes Date Rec'd. 3-25-37

Reason for Revision To use light-fast colors.

See Minutes Dry Color - Allied Research

Meeting 3-25-36

CARD NO. ____

Normal Output 100 Approved Formulator [signature]

Est. Mfg. Loss 2%

Department B Supt. [signature]

Label Analysis Checked-Date ____ A135

MANUFACTURING INSTRUCTIONS: ____

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

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	9-29-36			ALLIED RESEARCH	9-29-36		
NEWARK	"			GIBBSBORO			
KENSINGTON	"			DAYTON			
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

0007-SWP-061772

TO MATCH Standard

APPLICATION: SURFACE Wood Ext. NO. COATS one

UNDERCOATER USED Sx 450

METHOD 1 Brush

REDUCTION: AMOUNT REDUCER USED

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 8-12hr RECOAT 2-1day STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Oil FILM Hard & Elastic

SPECIAL TESTS

Spain 3/53

REX. NO. 460

CARD NO. 7

DATE 1-27-55

DATE	SLIP NO.	AMOUNT
Trade Sales	2-2-55	
Exte.	"	
Paint Test	"	

FACTORY	FORMULA	SPEC. CARD
EXEC. COST DEPT.	"	
CLEVELAND A	3-21-55	
KENSINGTON C		
PAINT 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-061778

FORMULA RECORD

Exp. No. _____ Date 5/7/41 Class 6 TS Rex. No. 460

Name SWP Apple Green Card No. 12 See No. 11

110 LBS.	20 L	
700 "	1526	
12 "	10620	
16 "	10617	
? "	BB 10	
"		
"		
"		
20½ GALS.	(2)	
8 "	(213)	
1 "	(12[illegible])	
"	( )	
43½ "	(2)	
5 "	(31)	
4 "	(348)	
"	( )	
C.R.	(9-4-41	

Per L.F.C. Bulletin 9-5-41 Important Contribution to National Defense

SEP 15 1941

Customer S.W.Co. Reassigned to

To Match Std. SWP Tower Red

a m 9-15-52

Wgt./Gal. T14.05 Grind 2 P Label Required None

Be. _____ Visc. 22-25" #3 @ 75°

Lbs. Gals. per hour _____ Mill _____

New Std. Sample Required Yes Date Rec'd 6-30-41

Reason for Revision Reverting to linseed oi per V. Mills 5/6/41

7.604

NOTE: Temper Thing Batches With 1/8 to 1/4 gal (320) to each 100 gal.

Normal Output 100 Approved Formulator [illegible]

Est. Mfg. Loss 2% [illegible]

Department B Supt. [illegible]

Label Analysis Checked-Date 5-23-41 H

A135 4-41 5-953

0007-SWP-061773

MANUFACTURING INSTRUCTIONS:

Application: Surface Buildings No. Coats 1 & 2

Undercoater Used No. Coats

Method 1

Reduction: Amount Brush Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch Recoat Stencil

Hard 10hrs Sand 4-5days Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Film

Special Tests Oil Tough

CS-6-21-44 CS 6-26-44 CS 11-30-44

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	2-19-44	
Cleveland A	"	
Kensington C	"	2-19-44
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		
Bergen	4-5-45	

0007-SWP-061780

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 11-26-54 REX. NO. 460

NAME S W P Winthrop Red CARD NO. 6

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. * CAUTION: (8A12) is Poison avoid contact with skin.

Label Caution H 2

WT./GAL T 8.54 VISC 30-35" @75 deg.F

GRIND 5-6H VISC on #3 cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller LINING

SOLIDS RATE/HR. LABEL ANALYSIS B

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

ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION Reinstate for limited production only as approved by General Stockkeeping Dept.

FORMULATOR B Thomsson SUPT. SHC

POUNDS	GALLONS	NEW MAT'L	OLD MAT'L
110	2.5	84A9	
25	.5	5930	
4	.1	6805	
100	14.1	BI 72	
167	24	(27C7)	
60	8	(27A19)	
33	5	(151)	
23	3	(902)	
249	30	(3870)	
7	1	(948)	
7	1	(1083)	
8	1	(8A12)*	
77	11 3/4	(151)	
?	BY 40,	BO 1, BB	10
* See	Mfg. Instructions		

0007-SWP-061775

FORMULA RECORD 6

CONTROL LAB Cleveland T. S. DATE 1-21-55 REX. NO. 460 1/

NAME S W P Winthrop Red CARD NO. 7

CUSTOMER Sherwin-Williams Co.

MFG. INSTR. * CAUTION: (8A12) is POISON AVOID CONTACT WITH SKIN.

Label Caution: H-2

WT./GAL T 8.68 VISC. 30-34" @75°F on #3

GRIND 5H VISC. cup

OUTPUT 100 BLEED

MFG. LOSS 2% DEPT. PKG.

STOR. LOSS MILL Roller ENGINE

SOLIDS RATE/HR. 60 gal LABEL ANALYSIS B

PARALLELS no FLASH PT. 100 F+ LABEL: NO RED ☑ RED ☐

ROYALTY: YES ☐: NO ☐: X ☐: W ☐

REASON FOR REVISION To adjust driers, add 5810 dry and improve grinding combination. ~~For limited production only as approved by general stock-keeping.~~

FORMULATOR [signature] SUPT. [signature]

SEE CARD No. 8

POUNDS	GALLONS	NEW MAT'L.	OLD MAT'L.
110	2.5	84A9	
25	.5	5930	
3	.03	5810	
100	14.1	BI 72	
4	1/2	(1960)	
91	12	(27C7)	
30	4	(27A19)	
8	1	(902)	
7	BO 1	BY 40, BB	10
91	12	(27C7)	
30	4	(27A19)	
249	30	(3870)	
15	2	(902)	
12	1 3/4	(948)	
3	1/2	(1083)	
8	1	(8A12)*	
105	16	(151)	5-18-55
omit	Last	Statement	[signature]

* See Mfg. Instructions

0007-SWP-061777

MANUFACTURING INSTRUCTIONS:

BW 102 { 70# Lead
1 3/8 gl (5091)
1/8 gl. (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 10hrs Recoat 4-5days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med.Hard,Elastic

Special Tests

	SLIP No.	AMOUNT
Potter	10/24/49	
Pre. Mfg		
1945-46	45,000 gals	
1946-47	void	000 "
Mary	10/24/49	
Bryan	"	
F.E.	"	
J. Schmidt	"	
P. Scott	"	
Carlson	"	void

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		5-1-45	10/24/49
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	"	"
Brazil		"	"
Gloucester		"	"

0007-SWP-061783