FORMULA RECORD

Exp. No. ..... Date 1-19-42 Class 6 TS Rex. No. 357

Name SWP #357 Silver Gray Card No. 22 See No. [illegible]

POUNDS	GALLONS	MATERIAL No.
296		20 L
40		2233 M
80		1895
400		414 W
225		BW 102) (193# 1140 3 3/4 gl. (5091) 3/8 gl. (12)W
?		BB 10
?		BC 30
	1/2	(12)"
	26	(2)
	5	(213)
		( )
	29	(2)
	4	(31)
	6 1/2	(348)
		( )
		( )

Customer SW Co. VOID

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision Replacing BY 525 with 414 and BW 102 adjusting to 34% ZnO content PVC 2913%

DATE 12/1/47 BY [illegible]

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

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

Wt./Gal. T15.51

Baume

Std. of Fineness 2P

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 [illegible] 2-19-42

Mill

Lbs. or Gals. per hour

Approved

Formulator

By A B Holton

Sent

SUSPENDED

Per Rec. of Pam 273-m

FEB 18 1942

0007-SWP-061279

FORMULA RECORD

Exp. No. SWP #357 Silver Gray Date 10-27-41 Class 6 TS Rex. No. 357 Lt. A 20

Name Card No. See No.

POUNDS	GALLONS	MATERIAL No.
180		20 L
40		2031 or 2233 or 2135 or 2147
570		1526
410		BW 102) (351# (0.7g. (6.8g.
?		BB 10
?		BO 30
	1/4	(12)
	25	(2)
	5	(213)
		( )
	28 1/4	(2)
	4	(31)
	~~1/4~~	~~(152)~~
	5 ~~1/4~~	(348)
	1/2	( )

Customer S.W.C.O. Std. CHICAGO

To Match D or M ALL FACTORIES EXCEPT

Reason for Revision To conform to recommendations of Chi. Tech. meeting 10-2&3-41. TEMPER THIN BATCHES WITH 1/8-1/4gal. (320) TO EACH 100 GAL.

Lead (12)W (5091)

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

Viscosity T16.80 at hrs. after grind

Wt./Gal.

Baume 2P

Std. of Fineness 100

Normal Output 2%

Est. Mfg. Loss B

Department

Parallel No's

Label Analysis Checked-Date

Label: No Red ☐; Red ☐ Yes

New Std. Sample Required

Date Rec'd

Mill

Lbs. or Gals. per hour

Approved

Formulator

Supt.

0007-SWP-061281

MANUFACTURING INSTRUCTIONS Grind Gauge

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

Buildings one

Application: Surface ____ No. Coats ____

Undercoater Used ____ No. Coats 1

Brush

Method 1 ____

Reduction: Amount ____ Reducer Used ____

Method 2 ____

Reduction: Amount ____ Reducer Used ____

10hrs 4-5days

Drying Time: Touch ____ Recoat ____ Stencil ____

Hard ____ Sand ____ Handle ____

Tack Free ____ Rub ____ Wrap ____

Baking Time and Temp. Oil Med. Hard, Elastic

Gloss ____ Film ____

Special Tests ____

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		2-12-45	
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	"	
Edmonton		"	
RRR21	S	"	

0007-SWP-061338

FORMULA RECORD

A135 8-41 3036

Exp. No. ..... Date 11-4-41 Class 6 TS Rex. No. 357

Name SWP #357 Silver Gray Card No. 21 See No. 20

POUNDS	GALLONS	MATERIAL No.
280		20 L
40		2233 D or M or 2147 or 2133
98		1895
490		1526 (80# 1140
93		102) (16g (12)W 100g
		12g (50g)
?		BB 10
?		BO 30
	3/4	(12)
	5	(13)
		( )
	30 3/4	(2)
	4	(31)
	~~1/4~~	~~(152)~~
	6 1/4	(348)
		( )

CARD NO.

Customer S.W.Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision Reverting to formula 7/24/41 to utilize SW TiO_2. TEMPER THIN BATCHES WITH 1/8-1/4g. (320) TO EACH

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

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

Wt./Gal. T15.34

Baume

Std. of Fineness 2P

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 1-23-42

Mill 2-2-42

Lbs. or Gals. per hour

Approved

Formulator

Supt.

PJB 1-14-42

0007-SWP-061283

FORMULA RECORD

A135 5-41 S-1013

Exp. No. ..... Date 9/25/41 Class 6 TS Rex. No. 357

Name SWP # 357 Silver Gray Card No. 20 Alt. A 19

POUNDS	GALLONS	MATERIAL No.
180		20 L
40		2031 or 2133 or 2147 or 2030
252		2143 or 1707
792		BW 102
?		BB 10
?		BO 30
	13 1/2	(2)
	5	(213)
		( )
	33 1/4	(2)
	4	(31)
	1/4	(152)
	5 1/4	(348)
		( )
		( )

Customer S.W.Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision To be used in case of leaded zinc shortage.

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. T17.00

Baume

Std. of Fineness 2P

Normal Output 100

Est. Mfg. Loss 2%

Department B

Parallel No's

Label Analysis Checked-Date

Label: No Red [x] Red [ ]

New Std. Sample Required Yes

Date Rec'd

Mill

Lbs. or Gals. per hour

Approved

Formulator [signature]

Supt. [signature]

0007-SWP-061285

MANUFACTURING INSTRUCTIONS: [illegible] 10 oz(43

113# of [illegible] 102 { [illegible] Lead / 1.[illegible] G(5001) / .18 G(12)"

Buildings one

Application: Surface _____ No. Coats _____

Undercoater Used _____ No. Coats _____

Brush

Method 1 _____

Reduction: Amount _____ Reducer Used _____

Method 2 _____

Reduction: Amount _____ Reducer Used _____

10 hrs 4 days

Drying Time: Touch _____ Recoat _____ Stencil _____

Hard _____ Sand _____ Handle _____

Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp. [illegible]

Gloss _____ Film _____

Special Tests _____

[illegible] 10/23/44

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	10-18-44	12-12-44
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	"	"
Glanzstoff	"	"
[illegible]	"	"
Brazil	"	"

0007-SWP-061341

FORMULA RECORD

A135-8-41 3036

Exp. No. ____ Date 10-27-41 Class 6 TS Rex. No. 357 Alt. B

Name SWP #357 Silver Gray Card No. 21 See No. 20

POUNDS	GALLONS	MATERIAL No.
180		20 L
40		2031 or 2233 or 2133 or 2147
403		414 (518# 1140
604		BW 102) (1g. (12)W
		(10g. (5091)
?		BB 10
?		BO 30
	19	(2)
	5	(213)
		( )
	31	(2)
	4	(31)
	~~1/4~~	~~(152)~~
	3 ~~1/4~~	(348)
	1/2	( )
		( )

Customer S.W.Co.

To Match Std. CHICAGO D or M ALL FACTORIES EXCEPT

Reason for Revision Alt. for use only in emergency if 1526 not available. TEMPER THIN BATCHES WITH 1/8-1/4 GAL. (320) TO EACH 100 GAL.

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

Viscosity ____ at ____ hrs. after grind

Wt./Gal. T16.80

Baume ____

Std. of Fineness 2P

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 ____

Mill ____

Lbs. or Gals. per hour ____

Approved Formulator [signature]

Supt. [signature]

0007-SWP-061287

MANUFACTURING INSTRUCTIONS:

Acid value must be 8 to 10 on (48)

220# ct BW 102- { 188#Pb / 3 5/8gl(5091) / 3/8 " (12)W

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

Undercoater Used **No. Coats**

Method 1 Brush

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10hrs **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

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		6-30-44	
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	?	
J.L.		?	
Gloucester		?	Brazil

0007-SWP-061343

FORMULA RECORD

Exp. No. ____ Date 9/25/41 Class 6 TS ½ Rex. No. 357

Name SWP # 357 Silver Gray Card No. 20 See No. 19

POUNDS	GALLONS	MATERIAL No.
180		20 L
40		2031 or 2133
		2147 or 2030
420		1526
585		BW 102
?		BB 10
?		BO 30
		See Card # 21
	29	(2)
	5	(213)
		( )
	21 1/4	(2)
	4	(31)
	1/4	(152)
	5 1/4	(348)
		( )
		( )

Customer S.W.Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision To conserve titanium pigments & leaded zinc. See ABH letter 9/10/41. Subj: Raw Material Conservation. SEE OTHER SIDE FOR MFG. INSTRUCTION

Viscosity 25-30" #3 @ 78° ____ hrs. after grind

Viscosity ____ at ____ hrs. after grind

Wt./Gal. 116.90

Baume ____

Std. of Fineness 2P

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 9-17-41

Mill ____

Lbs. or Gals. per hour ____

Approved

Formulator ____

Supt. ____

0007-SWP-061289

MANUFACTURING INSTRUCTIONS: Acid value of (48) mu[illegible] be 8 to 10.

100 lbs. [illegible] 102 { 85# Pb / 1 5/8 gl. (5091) / 1/8 gl. (12) W

Application: Surface Bldgs. 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 10 hr. Recoat 1-5 days Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Med. Hard & Elastic

Special Tests

CS 6-14-44

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	4-17-44	
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	"	
Leade Labs	"	

0007-SWP-061345

FORMULA RECORD

Exp. No. _____ Date 7/24/41 Class 6 TS Rex. No. 357

Name SWP # 357 Silver Gray Card No. 19 See No. 18

POUNDS	GALLONS	MATERIAL No.
280		20 L
40		2147
98		1895
490		1526
93		BW 102
?		BB 10
?		BO [illegible]
	3/4	(12)W
	27	(2)
	5	(213)
		( )
	30 3/4	(2)
	4	(31)
	1/4	(152)
	6	(348)
		( )

Customer S.W.Co.

To Match Std.

ALL FACTORIES EXCEPT CHICAGO

Reason for Revision To change to available raw materials. See letter CDH 6/25/41

NOTE: TEMPER THIN BATCHES WITH 1/8 GAL TO 1/4 GAL. (320) TO EACH 100 GAL.

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

Viscosity _____ at ___ hrs. after grind

Wt./Gal. T15.34

Baume _____

Std. of Fineness 2P

Normal Output 100

Est. Mfg. Loss 2%

Department B

Parallel No's _____

Label Analysis Checked-Date 8-18-41

Label: No Red ☒; Red ☐

New Std. Sample Required Yes

Date Rec'd _____

Mill _____

Lbs. or Gals. per hour _____

Approved Formulator [signature]

Supt. [signature]

CARD NO.

0007-SWP-061291

MANUFACTURING INSTRUCTIONS: This formula al[illegible] to be used only when 2174 dry is [illegible] otherwise mfg. on std. card or Alt[illegible] If 1526 dry is available adjust formula replacing:

(see below)

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

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

Method 1

Reduction: Amount **Reducer Used**

Method 2

Reduction: Amount **Reducer Used**

Drying Time: Touch 10 hrs **Recoat** 4-50 days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

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

Special Tests *

(10 # 413,) (445# 1526

[illegible] # BW 102 (with 55 1/2 BW 102

27 3/Sgl. (2) (28 gl. (2)

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	1-7-44	
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-061347

FORMULA RECORD

Exp. No. _____ Date 10-6-39 Class 6 TS Rev. No. 357

Name SWP #357 Silver Gray Card No. 14 See No. 13

490	LBS.	1526
58	"	2031 T
80	"	1895
278	"	20 L
?	"	BB 10
?	"	BO 30
92	"	BW 104
	"	
28½	GALS.	(2)
5	"	(213)
3/4	"	(12 W)
	"	( )
29½	"	(2)
3	"	(31)
1/4	"	(152)
7	"	(348)
	"	( )

Customer S W

To Match Std

Weight Per Gal. 15.41 Visc. 26-30" #3

Baume Std. of Fineness 2 P No Label Required

Lbs. Gal. per hour Mill

New Std. Sample Required Date Rec'd

Reason for Revision Utilization of new pigment adopted result Trade Sales review per N.E. Vanstone

NOTE: If consistency low, replace a portion of 20 L with 20 HB to obtain at least 26" #3

CARD NO.

Normal Output 100 Approved Formulator [illegible]

Est. Mfg. Loss 2%

Department B Supt. [illegible]

Label Analysis Checked-Date

A135 8-37 4184

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

Reduction: Amount Reducer Used

Application: Surface Method Brush

No. Coats Good 2 Undercoater Used

Drying Time: Touch 30 hrs. Handle Recoat 4 days

Rub Sand Wrap Stencil

Baking Time and Temp.

Gloss Oil Film Tough and Hard

Special Tests

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	12-4-39			ALLIED RESEARCH	12-4-39		
NEWARK	"			GIBBSBORO	"		
KENSINGTON	"			DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			LONDON	Argentine 2-28-35		
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			M-S	"		
COST DEPT.	"			CHI. TECH. SERV.	"		
				Gloucester	"		

0007-SWP-061293

MANUFACTURING INSTRUCTIONS:

Acid value (48) must be 8 to 10 temper. thin batches with not more than 1/4 gal. (390).

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

Undercoater Used BX-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 & Elast

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	11-12-43	
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-061349

FORMULA RECORD

Exp. No. _____ Date 5-26-39 Class 6 TS Rex. No. 357

Name SWP #357 Silver Gray Card No. 13 See No. 12

678 LBS.	1526	
154 "	20 L	
26 "	1403 G	
5 "	1128	
? "	BB 10	
? "	BO 30	
"		
"		
1/2 GALS.	(12)	W
27 3/4 "	(2)	
5 "	(213)	
"	( )	
238 LBS	)	BW 104
"	( )	
30 GLS	(2)	
4 "	(31)	
5 "	(348)	

Customer S W Co

To Match Std

Weight Per Gal. T16.20 Visc. 22" #3 @ 75° 2nd 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 Replacing 412 with 1526

Normal Output 100 Approved Formulator Wm Budzia

Est. Mfg. Loss 2%

Department B Supt. [signature]

Label Analysis Checked-Date 6-23-39

A135 2-39 3303

CARD NO.

MANUFACTURING INSTRUCTIONS:

PRODUCTION		
DATE	SLIP No.	AMOUNT

Reduction: Amount _____ Reducer Used _____

Application: Surface [illegible] Method [illegible]

No. Coats New wood / Old wood Undercoater Used _____

Drying Time: Touch [illegible] Handle _____ Recoat 7-10 days

Rub _____ Sand _____ Wrap _____ Stencil _____

Baking Time and Temp. _____

Gloss [illegible] Film [illegible]

Special Tests _____

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	6-14-39			ALLIED RESEARCH	6-14-39		
NEWARK	"			GIBBSBORO			
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			M-S	"		
COST DEPT.	"			CHI. TECH. SERV.			

0007-SWP-061294

MANUFACTURING INSTRUCTIONS: # 1526 is available

replace:

570# 413 — 615# 1526

432# BW 102 with 380 BW 102

21 3/4 (2) — 22 1/2 (2)

Application: Surface Bldgs. No. Coats one

Undercoater Used RX-450 No. Coats

Method 1

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

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	1-24-44	
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-061351

LTS

FORMULA RECORD

Exp. No. ____ Date 5-31-38 Rex. No. 357

Name S. W. P. #357 Silver Gray Card No. 12 See No. 11

238	LBS.	1526
406	"	412
154	"	20 L
26	"	1403 C
5	"	1128
?	"	BB 10
?	"	BO 30
	"	
1/2	GALS.	(12 W)
27	"	(2)
5	"	(213)
278#	"	( ) BW 104
30	gals.	(2)
4	"	(31)
5	"	(348)
	"	( )
	X	( )

Customer S. W. Co.

To Match Std.

A 16.30

Weight Per Gal. T 16.22 Visc. 22" #3 2nd day

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

Lbs. Gals. per hour ____ Mill ____

New Std. Sample Required Yes Date Rec'd ____

Reason ____

SEE

Result of Trade Sales Review
per N. E. Van Stone

13

CARD NO.

Normal Output 100 Approved Formulator PSB

Est. Mfg. Loss 2%

Department B Supt. ABH

Label Analysis Checked-Date ____

A135 9-37 2564

MANUFACTURING INSTRUCTIONS:

Reduction: Amount ____ Reducer Used ____

Application: Surface Bldgs. Wood and metal Method ____

No. Coats New Wood-3 Gld-2 Undercoater Used ____

Drying Time: Touch 8-10 hrs Handle ____ Recoat 7-10 days

Rub ____ Sand ____ Wrap ____ Stencil ____

Baking Time and Temp. ____

Gloss Oil Film Tough and hard

Special Tests ____

PRODUCTION		
Date	Slip No.	Amount

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	6-1-38			ALLIED RESEARCH	6-1-38		
NEWARK	"			GIBBSBORO			
KENSINGTON				DAYTON	"		
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

0007-SWP-061295

MANUFACTURING INSTRUCTIONS:

Acid value of (48) must be 8 to 10. Temper thin batches with not more than 1/4 gal (320).

Application: Surface Bldgs 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 hr Recoat 4-5day Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Hard & tough

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		2-28-43	
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-061353

FORMULA RECORD

Exp. No. _____ Date 3-15-37 Rex. No. 357

Name S. W. P. #357 Silver Gray Card No. 11 See No. _____

256	LBS.	1526
480	"	412
128	"	20 L
?	"	BB 10
?	"	BO/30
	"	
	"	
	"	
26	GALS.	(2)
5	"	(213)
1/2	"	(31)
400	Lbs	(~~BW 102~~) BW 104
29	Gal	2
5 1/2	"	(2)
3 1/2	"	(31)
1/2	"	(12 W)
4	"	(348)

Customer S. W. Co.

To Match Std.

Weight Per Gal. 17.12 Visc. _____

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

Lbs. Gals. per hour 2 1/2 hrs Roller Mill 8-9-37

New Std. Sample Required Yes Date Rec'd 4-13-37

Reason for Revision _____

To establish standard formula for light tints and colors and raise pigment volume to tested performance.

SEE CARD NO.

Normal Output 105 3/4 Approved Formulator _____

Est. Mfg. Loss 2%

Department B Supt. _____

Label Analysis Checked-Date _____

A135 1-37 3207

MANUFACTURING INSTRUCTIONS: _____

Reduction: Amount _____ Reducer Used _____

Application: Surface _____ Method _____

No. Coats _____ Undercoater Used _____

Drying Time: Touch New wood Handle Bldgs. wood, metal Recoat _____

Rub _____ Sand Old- 2 Wrap Stencil _____

Baking Time and Temp. 8-10 hrs

Gloss _____ Film _____

Special Tests Oil Tough and hard

PRODUCTION		
Date	Slip No.	Amount

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	3-22-37	CS 7/21/37	CS 8-11-37	ALLIED RESEARCH	3-22-37	CS 7/21/37	CS 8-11-37
NEWARK	"	"	"	GIBBSBORO			
KENSINGTON				DAYTON	3-8-38		
OAKLAND	"	"	"	DETROIT			
DALLAS	"	"	"	LONDON			
LOS ANGELES	"	"	"	AUSTRALIA			
MONTREAL	"	"	"				
COST DEPT.	"	"	"				

0007-SWP-061296

MANUFACTURING INSTRUCTIONS:

Acid value of (4P) must be 8 to 10. Temper thin batches with not more than 1/4 gal. (329)

Application: Surface Bldgs. **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 hr **Recoat** 4-5 da **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp

Gloss 211 **Film** Hard & Tough

Special Tests

DATE	SLIP NO.	AMOUNT

FACTORY		FORMULA	SPEC. CARD
Exec. Cost Dept.		5-7-43	
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	"	
Houston		"	

0007-SWP-061355

FORMULA RECORD NEWARK ONLY

Exp. No. _____ Date _____ Rec. No. 357

Name _____ Card No. 10 H See No. 9

725	LBS.	1526
108	"	20 4
1	"	BB 10
2	"	BO 130 or BO 30
	"	
	"	
	"	
	"	
17	GALS.	(2)
	"	( )
305	LBS.	" (BW) 104
38	GAL.	(2)
10	"	(213)
1/2	"	(12 W)
3 1/2	"	(2241)
4	"	(348)
1/8 X	"	(152)

Customer _____

To Match _____

Weight Per Gal. _____ Visc. _____

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

40 Lbs. Gals. per hour 30" Mill

New Std. Sample Required No Date Rec'd _____

Reason for Revision To reduce amount of crystallization in warm climates per G. L. Cobb's instructions

Normal Output 100 Approved Formulator _____

Est. Mfg. Loss 2% Supt. _____

Department _____

Label Analysis Checked - Date _____ A135 Buff

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldgs. Wood Metal Method Brush

No. Coats New Wood 3 Coats Old 2 Coats Undercoater Used _____

Drying Time: Touch 8-10 Hrs. Handle _____ Recoat 7-10 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				ALLIED RESEARCH			
NEWARK	6-11-55			GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							
COST DEPT.							

0007-SWP-061297

MANUFACTURING INSTRUCTIONS: Acid value of (48) must be 8 to 10 Temper thin batches with not more than gal of (3[illegible]0)

Application: Surface Bldgs **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 h **Recoat** 4-5 days **Stencil**

Hard **Sand** **Handle**

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

Baking Time and Temp.

Gloss Oil **Film** Hard & Tough

Special Tests

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	2-23-73	
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-061357

FORMULA RECORD NEWARK ONLY

Exp. No. _____ Date 5-16-35 Rex. No. 357

Name [illegible] # 357 Silver Gray Card No. 10 N See No. 9

726	LBS.	1526
260	"	1140
108	"	20 L
?	"	BB 10
?	"	BO 130 or BO 30
	"	
	"	1268# Base
	"	
22	GALS.	(2)
	"	( )
38	"	(2)
10	"	(213)
1	"	(12 W)
3 1/2	"	(2241)
4	"	(348)
1/8	"	(152)
x	"	( ) X

Customer S. W. Co.

To Match Std.

Weight Per Gal. 15.62 Visc.

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

40 Lbs. Gals. per hour 30" Mill

New Std. Sample Required No Date Rec'd

Reason for Revision Showing replacement of pulp lead when unavailable

Normal Output 100 Approved Formulator

Est. Mfg. Loss 2%

Department B Supt. H B Einbacher

Label Analysis Checked - Date

A135 Buff

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____

Application: Surface Bldgs. Wood Metal Method Brush

No. Coats New Wood 3 Coats Old 2 Coats Undercoater Used _____

Drying Time: Touch 8-10 Hrs. Handle _____ Recoat 7-10 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				ALLIED RESEARCH			
NEWARK	6-18-35			GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DET OIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							
COST DEPT.							

0007-SWP-061298

MANUFACTURING INSTRUCTIONS: THIN IN BATCHES WITH 1/8-1/4 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 .....

11-23-42

DATE	SLIP NO.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	7/16/42	
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	"	

0007-SWP-061359

FORMULA RECORD

Exp. No. _____ Date 5-16-35 Rev. No. 357

Name S. W. P. # 357 Silver Gray Card No. _____ See No. _____

776	LBS.	1526
260	"	1140
108	"	204 Aluminum
?	"	BB 10
?	"	BO 130 or BO 30
	"	
	"	1268# Base
	"	
22	GALS.	(2)
	"	( )
38	"	(2)
10	"	(213)
1	"	(12 W)
3 1/2	"	(31)
4	"	(348)
	"	( )
X	"	( )

Customer S. W. Co.

To Match Std.

Weight Per Gal. 16.62 Visc. _____

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

40 XXX Lbs. Gals. per hour 30" Mill _____

New Std. Sample Required No Date Rec'd _____

Reason for Revision Showing replacement of pulp lead when unavailable.

ALL FACTORIES EXCEPT NEWARK AND CHICAGO

Normal Output 100 Approved Formulator _____

Est. Mfg. Loss 2% Supt. _____

Department B

Label Analysis Checked - Date _____ A135 4-35 3321

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	6-18-35			ALLIED RESEARCH			
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"						
COST DEPT.	"						

0007-SWP-061299

MANUFACTURING INSTRUCTIONS: .....

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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 .....

.....

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DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	11-6-40	
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	"	
Glouster	"	

0007-SWP-061361