

FORMULA RECORD

Exp. No. _____ Date 9-27-44 Class 7 TS Rex. No. 69
 Name TORCH & CO. DARK GRAY Card No. _____ Replaces No. _____

POUNDS	GALLONS	MATERIAL No.	Customer
300		412 over	To Match
100		2128	
2		547	
7		BB 10	
7		BL 1	
			Reason for Revision
			Comp. 2.00 lbs. 012/Gal A.B.
			Viscosity 25-20 at hrs. after grind
			Viscosity at hrs. after grind
			% Solids (Run) Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
	24	(4880)	Label Analysis Checked-Date
	1	(1767)	Label: No Red ☐ ; Red ☐
			Baume 28 New Std. Sample Required ☒
	52	(4880)	Std. of Fineness 10 Date Res'd
	5 1/2	(2213)	Normal Output 3% MHL Roller Bleed?
	1/2	(5252)	Est. Mfg. Loss 5 Department
	1	(5252)	Package
	4	(-648)	Parallel No.'s
			Approved <i>Wm Budjak</i>
			Formulator <i>Wm Budjak</i>
			Supt. <i>Wm Budjak</i>

Application: Surface *Est. Wood* No. Coats _____
Undercoater Used _____ No. Coats _____

Method 1

Reduction: Amount

Reducer Used

Method 2

Reduction: Amount

Reducer Used

Drying Time: Touch

Recoat 48 mo Stencil

Stencil

Hard

Sand

Handle

Tack Free

Rub.

Wrap

Baking Time and Temp

Gloss

Film

Special Tests

[illegible]

FORMULA RECORD			A135 9-13 2540	
Exp. No.	Date	Class	Revised No.	Card No.
Name	E-11-44	7 T	69	25
Porch & Deck Dark Gray			Replaces No. 24	
POUNDS	GALLONS	MATERIAL NO.	Customer	
500		413	S.W.CO	
100		2188	To Match	STD.
2		547	Reason for Revision	Replacing 2140 dry & 6175 with combination of 413 (4880) Formula developed by Allied Research.
?		BB 10	CCAD	28 lbs oil/Gal
?		BL 1	Viscosity	28" @ 75° #3 at hrs. after grind
NOTE: Avoid heat-treating and leaded zinc. Do not use old stock.			% Solids (Hm)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
	24	(4880)E	Normal Output	12.00
	1	(1767)	Est. Min. Loss	3%
	54	(4880)E	Department	B
	2	(4090)E	Package	15232
	1/2	(4231)	Parallels	1013-7-14-44
	1	(4232)		
	5 1/2	(-348)		
			Std. of Fineness	2P
			New Std. Sample Required	Yes
			Date Rec'd	
			Mill Roller	Bleed?
			Lbs. or Gals. per hour	
			Approved	
			Formulator	D/M Berdino
			Supt.	ABH

[illegible][illegible]

FORMULA RECORD			Exp. No. <u>7-3-44</u> Date <u>7-3-44</u> Class <u>7 TS</u> Rex. No. <u>69</u>	
Name <u>Arch & Decy Dark Grey</u>			Card No. <u>26</u>	Replaces <u>7-25-44</u>
POUNDS	GALLONS	MATERIAL NO.	Customer <u>S.W.CO.</u>	To Match <u>STD.</u>
<u>440</u>		<u>414</u>	Reason for Revision <u>To match use available 414 dry which replaces 413 dry.</u>	
<u>100</u>		<u>2188</u>		
<u>1</u>		<u>547</u>		
<u>68</u>		<u>3W 102</u>		
<u>7</u>		<u>BB 10</u>		
<u>7</u>		<u>BL 1</u>	Comp. <u>11 lbs. Oil/Gal.</u>	Viscosity <u>28-28" @ 75 #5</u> at <u>1</u> hrs. after grind
			Viscosity	hrs. after grind
			% Solids (Run)	Revalty: Yes ☐ No ☐ X ☐ W ☐
<u>24</u>		<u>(4880)E</u>	Wt./Gal. <u>12.00</u>	Lab. Analysis Checked-Date
<u>1</u>		<u>(1767)</u>	Baume	Label: No Red ☐ Red ☐
			Std. of Fin. <u>2P</u>	New Std. Sample Required <u>yes</u>
<u>52</u>		<u>(4880)E</u>	Normal Oil <u>100</u>	Date Rec'd
<u>1/2</u>		<u>(5231) or (4231)</u>	Est. Mfg. Loss <u>3%</u>	Mill
<u>1</u>		<u>(5232) or (4232)</u>	Department <u>B</u>	Bleed?
<u>3 1/2</u>		<u>(2213) 2E (4290)</u>	Package	Lbs. or Gals. per hour
<u>5</u>		<u>(348) 6 1/2 (348)</u>	Parallel No.'s	Approved <u>W. Budnick</u>
All Factories Except Chicago...				Formulator <u>W. Budnick</u>
				Supt. <u>APB</u>

Application: Surface B. H. Wood No. Coats _____
Undercoater Used _____ No. Coats _____

Application: Surface *E. H. Wood* No. Coats

Undercoater Used..... **No. Coats**.....

Method 1 Drish

Reduction: Amount	Reducer Used
100%	100%
90%	90%
80%	80%
70%	70%
60%	60%
50%	50%
40%	40%
30%	30%
20%	20%
10%	10%
0%	0%

Method 2

Reduction: Amount _____ **Reducer Used** _____

Drying Time: Touch 18 hrs Recoat 48 hrs Stencil 72 hrs

Hard Sand Hand

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Tough

Special Tests

[illegible]

FORMULA RECORD

Exp. No. _____ Date 2-1-40 Class 7 TS Rex. No. 69
 Name Porch & Deck Paint Dark Gray Card No. 16 See No. 15

500 LBS. 413 or 1526 75 " 20 L 2 " 547 ? " BB 10 or BX 655 " 758# Base " " " " " " 24 GALS. (2841) G 30 " (2841) G 7 1/2 " (2327) (48) 8 " (2) (48) 13 1/2 " (348) 5 " (31) 1/2 " (152) 1 " (1767)	Customer <u>S W</u> To Match <u>Std Rx 69</u> <u>Identical with 64605 7-12-40 7-5953</u> Weight Per Gal. <u>12.02</u> Visc. <u>25" #3 @ 75°F</u> Baume <u>16-2-40</u> Std. of Fineness <u>2 P</u> No Label Required Lbs. Gals. per hour _____ Mill _____ New Std. Sample Required <u>Yes</u> Date Rec'd _____ Reason for Revision _____ <u>Replacing (3)</u> Note: If production runs too thin in viscosity, it is permissible to increase (2327) up to 11 gallons at the expense of (2). Normal Output <u>100</u> Approved Formulator <u>W. L. Lapham</u> Est. Mfg. Loss <u>3%</u> Department <u>B</u> Supt. <u>Chas. B. L.</u> Label Analysis Checked-Date <u>1-21-41</u>
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A135 4-40 5-527

MANUFACTURING INSTRUCTIONS:

Hiding Power: Good

Reduction: Amount _____ Reducer Used _____ Application: Surface <u>Wood-Metal-Canvas</u> Method <u>Brush</u> No. Coats <u>1 or more</u> Undercoater Used _____ Drying Time: Touch _____ Handle <u>6-8 hrs</u> Recoat <u>Q'nite</u> Rub _____ Sand _____ Wrap _____ Stencil _____ Baking Time and Temp. _____ Gloss <u>Enamel</u> Film <u>Tough</u> Special Tests _____	<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="3">PRODUCTION</th> </tr> <tr> <th>DATE</th> <th>SLIP No.</th> <th>AMOUNT</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	PRODUCTION			DATE	SLIP No.	AMOUNT																														
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DATE	SLIP No.	AMOUNT																																			

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND				ALLIED RESEARCH			
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL				M.S.			
COST DEPT							

Formula to all factories

MANUFACTURING INSTRUCTIONS:

Application: Surface Cyfl Wood No. Coats
Undercoater Used _____ No. Coats

Method 1 Brush
Reduction: Amount _____ Reducer Used _____

Method 2 _____
Reduction: Amount _____ Reducer Used _____

Drying Time: Touch 18 hrs Recoat 48 hrs Stencil
Hard _____ Sand _____ Handle _____

Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp. _____
Gloss Vel Film Tough

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	

FORMULA RECORD			Alternate #135 5-41 5-1013	
Exp. No.	Date 9-18-41	Class 7 T S	Rev. No. 69	
Name	Porch & Deck Paint Dark Gray		Card No. 16	See No. 15
POUNDS	GALLONS	MATERIAL NO.	Customer S W Co.	
300		2202	To Match Std Rx 69	
75		20 L	Identical with RX 64605	
2		547	Reason for Revision To conserve on	
233		BW 102	Loaded Zinc & (2841) G Use in	
?		BB 10 or BX 655	preference to alternate "B" and	
NOTE: REFER TO NOTE ON STD FORMULA			standard formula.	
IF PRODUCTION RUNS TOO THIN.			Viscosity 22-25" #3 @ 75° F at hrs. after grind	
	20	(2841) G	Viscosity at hrs. after grind	
	7	(2841) G	Wt./Gal. T 12.06 Label Analysis Checked-Date	
	36	(429)	Baume Label: No Red ☒ Red ☐ NO	
	7 1/2	(2327)	Std. of Fineness New Std. Sample Required	
	4	(2)	Normal Output 100 Date Rec'd	
	4 1/2	(348)	Est. Mfg. Loss 3% Mill	
	5	(31)	Department B Lbs. or Gals. per hour	
	1/2	(152)	Parallel No's Approved	
	1	(1767)	Formulator	
			Supt. <i>W.B.H.</i>	

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood No. Coats 1

Undercoater Used _____ No. Coats _____

Method 1.

Reduction: Amount

Reducer Used

Method 2

Reduction: Amount

Reducer Used

Drying Time: Touch 18 hrs Recoat 48 hrs Stencil

Hard

Sand

Handle

Tack Free.

Rub

Wrap

Baking Time and Temp.

Gloss

Film

Special Tests.

[illegible]

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.		
Cleveland A		
Kensington C		
All'ed 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

AlS 8-41 1936

Exp. No. Date 10-29-41 Class 7 TS Rex. No. 69
Name Forch & Deek Paint Dark Gray Card No. 17 See No. 16

POUNDS	GALLONS	MATERIAL NO.	
440		414	Customer <u>S.W.Co.</u>
75		20 L	To Match <u>Std.</u>
2		547	Reason for Revision <u>To use 414 & BW 102 on</u>
68		EW 102	<u>basis of 5% Zinc Oxide & 25% Lead Sul-</u>
?		BB 10 or BX	<u>phate replacing 1926 dry.</u>
		655	<u>IF PRODUCTION IS TOO THIN IN VISCOS-</u>
			<u>ITY IT IS PERMISSIBLE TO INCREASE (232)</u>
			<u>UP TO 11 GALS. AT THE EXPENSE OF (2)</u>
			Viscosity <u> </u> at <u> </u> hrs. after grind
			Viscosity <u>22-25</u> #3 & 750 #3 after grind
			Wt. Gal <u>12.06</u>
			Label Analysis Checked-Date <u> </u>
			Label: No Red ☒ Red ☐
			Std. of Fineness <u>2P</u> New Std. Sample Required <u>Yes</u>
			Normal Output <u>100</u> Date Rec'd <u> </u>
			Est. Mfg. Loss <u>3%</u> Mill <u> </u>
			Department <u>B</u> Lbs. or Gals. per hour <u> </u>
			Parallel No's <u>4605</u> Approved <u> </u>
			Formulator <u> </u>
			Supt. <u> </u>

CARD NO. 24

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood No. Coats _____
 Undercoater Used _____ No. Coats _____

Method 1 Brush
 Reduction: Amount _____ Reducer Used _____

Method 2 _____
 Reduction: Amount _____ Reducer Used _____

Drying Time: Touch 10 hrs Recoat 48 hrs Stencil _____

Hard _____ Sand _____ Handle _____

Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp _____

Gloss Mat Film Tough

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

FORMULA RECORD					
Exp. No.	Date	11-1-35	Rev. No. 69		
Name	Porch & Deck Ft. - Dark Gray		Card No. 10 See No. 9		
500 LBS.	1526	Customer	S.W. Co.		
75 "	20 L	To Match	Std.		
2 "	547	Weight Per Gal.	T 12.09 Visc. 22-24" #3 @ 75°F.		
7 "	BB10	Baume	Std. of Fineness 2P ☐ Red ☒ No Label Required		
7 "	BL 1	40	Mill Gals. per hour 30"		
"	756# Base	New Std. Sample Required	No Date Rec'd 11-6-34		
6 GALS. (2)		Reason for Revision	To reduce grinding expense.		
4 GALS. (.504)		Sep Card # 11			
10 " (.1741)					
3 1/2 " (.348)					
40 " (.2960)					
20 " (.2281)					
5 " (.392) (31)		Normal Output	100	Approved	
1 " (.1767)		Est. Mfg. Loss	3%	Formulator	
1/4 " (.12 W.)		Department	B	Supt.	H. B. Embury
1/4 X " (.152)		Label Analysis Checked - Date			

MANUFACTURING INSTRUCTIONS:				PRODUCTION		
Reduction: Amount	Reducer Used	Date	Slip No.	Amount		
Application: Surface	Method: Brush					
No. Coats	Undercoater Used					
Drying Time: Touch	Handle 6-8 hrs. Recoat	O'Nite				
Rub	Sand	Wrap	Stencil			
Baking Time and Temp						
Gloss: En.	Film: Tough					
Special Tests						
FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD
CLEVELAND	11-6-35			ALLIED RESEARCH	11-6-35	
NEWARK				GIBBSBORO		
KENSINGTON				DAYTON		
OAKLAND				DETROIT		
DALLAS				LONDON		
LOS ANGELES				AUSTRALIA		
MONTREAL						

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood No. Coats

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 48 hrs Recoat 48 hrs Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Tough

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-061102

FORMULA RECORD	
Exp. No. _____	Date <u>8-20-36</u> Rex. No. <u>69</u>
Name <u>PORCH & DECK PAINT DARK GRAY</u>	Card No. <u>13</u> See No. <u>12</u>
500 LBS. <u>413</u> or <u>1526</u>	Customer <u>S. W. Company</u>
75 " <u>20 L</u>	To Match <u>Standard</u>
2 " <u>547</u>	
2 " <u>BB 10</u>	Weight Per Gal <u>12.09</u> Visc. _____
2 " <u>BL 1</u>	Baume _____ Std. of Fineness <u>2 P</u> ☐ Red ☒ No Label Required
"	Lbs. Gals. per hour _____ Mill _____
"	New Std. Sample Required <u>No</u> Date Rec'd _____
6 GALS (<u>2</u>)	Reason for Revision _____
4 GALS (<u>504</u>)	<u>To use available dry stock</u>
10 " (<u>1536</u>)	
3 1/2 " (<u>348</u>)	
40 " (<u>2960</u>)	
20 " (<u>2281</u>)	
5 " (<u>31</u>)	Normal Output <u>100</u> Approved _____
1 " (<u>1767</u>)	Est. Mfg. Loss <u>3%</u> Formulator _____
1/4 " (<u>12 W</u>)	Department <u>B</u> Supt. _____
1/4 " (<u>152</u>)	Label Analysis Checked-Date _____

Reduction: Amount				Reducer Used				PRODUCTION							
Application: Surface				Method				Date		Slip No.		Amount			
No. Coats				Good 1 Or Undercoater Used											
Drying Time: Touch				more											
Rub				Sand											
Baking Time and Temp.				Wrap											
Gloss				Enamel											
Special Tests				Film											
FACTORY				FORMULA				FACTORY		FORMULA		SPEC. CARD		STD. SAMPLE	
CLEVELAND				8-27-36				ALLIED RESEARCH		8-27-36					
NEWARK				"				GIBBSBORO							
KENSINGTON				"				DAYTON							
OAKLAND				"				DETROIT							
DALLAS				"				LONDON							
LOS ANGELES				"				AUSTRALIA							
MONTREAL				"											
COSTA RICA				"											

Drying Time: Touch 18hrs. Recoat 48hrs. Stencil
Hard _____ Sand _____ Handle _____
Tack Free _____ Rub _____ Wrap _____
Baking Time and Temp. _____
Gloss oil _____ Film tough _____
Special Tests _____

0007-SWP-061104