

Product: SPRED LUSTRE ALKYL SEMI-GLOSS ENAMEL				☐ ROYALTY		Formula No. Y-4600 K	
Customer: ONE COAT WHITE				Tint/Color		Lab No.	
ADD BY WEIGHT		100 GALLON BATCH		BY		MANUFACTURING	
CODE NUMBER		GALLONS		POUNDS		INSTRUCTIONS	
H V2390		25.00		195.00		19.39 ADD TO COWLES TANK,	
H V2393		3.00		24.15		2.40	
*E121		1.06		15.00		1.49 ADD SLOWLY AND DISPERSE 5 MINUTES,	
H 5213		1.10		7.45		0.74 ADD AND MIX WELL,	
*H112		4.43		100.00		9.94 ADD PIGMENT AND DISPERSE TO 6-7	
*H951		7.50		250.00		24.86 GRIND. DO NOT EXCEED 130 F,	
H V2385		25.00		190.00		18.89 ADD & MIX 15 MINUTES. RECHECK GRIND,	
5385		5.00		31.60		3.14 COWLES TANK WASH,	
H E2233		20.00		140.00		13.92 ADD TO DISPERSION IN LETDOWN TANK	
5385		6.50		41.10		4.09 UNDER AGITATION,	
*E390		0.50		4.10		0.41	
*E382		0.30		2.30		0.23	
*E303		0.20		1.70		0.17	
*E262		0.20		1.50		0.15 CONTAINS LESS THAN .06% LEAD	
② *E273E203		0.25		1.80		0.18 DO NOT ADD MATERIALS CONTAINING LEAD	
YIELD		100.03		1005.7		100.00	
Changes: ☐ R.M. ☐ Mfg. ☐ Phys.				Formulator: SUTHERLAND/JES			
				Approved: WMT/STB			

Standard Formula.
 Not to be taken
 from file.

FORM 1000 (MAY 1962 EDITION) PRINTED IN U.S.A.

G&S FORMULA

Formula or Lab No. Y-4600-K

TIROS

COES

Trade Name

DESCRIPTORS (20 spaces - limit)

Customer

REVISED TO CHANGE SPRED
LUSTRE TO A THIXOTROPIC
QUALITY.

End Use

SPRES

Royalty

☐ Yes ☒ No

Silicone

☒ Yes ☐ No

Resins

V2385

V2390

V2393

F2233

Resistance

M2 or M4ms # 1-2-16-18-17-11-12-14-30

12-5-74 (14)

CUSTOMER

APPLICATION

CONDITIONS

BRUSH/ROLL/SPRAY

A.O. BAKE

4-6 HOURS (A.O.)

RECOAT TIME

OVERNITE

STOUPING FULL BODY VISCOSITY

METHOD

STD. GLOSS METHOD

COLOR MATCH

COLOR INSTR.

SAG STD

16-7

90-95 KU

155

30-40 / 165

DO NOT SHADE

APPLICATION

FILM THICKNESS

A.O. OR BAKE

WET TEST

BRUSH

4-6 MIL

AIR DRY

SCORE BRUSHOUT FOR SAG

DL

CONL

STD. WT. 6 RES VISCOSITY STD.

METHOD

PIG PASTY IN TEST

STD. PENIC HARD

LABEL WARNING

FLASH PT.

LEAD

10.05

204

11-62

100

0.00

REDUCER

SUBSTRATE

STD. IMPACT METHOD

SPECIAL INSTRUCTIONS

S-385

KEN PAPER

CHECK VISCOSITY AFTER 16 HRS.

CATALYST

HOT LIFE

STD. A. NO.

COLOR

EXPT. TIME

STD. INP.

TYPE FILTER

CLEANLINESS

V.C.28-2

46-0

Sq. Ft./Dry Mil

0

IRMS/Sq. Ft./Dry Mil

0-000

RMS/Gal.

0-00 READING

GLD059727

C&R FORMULA

Product: SPRED LUSTRE SEMI-GLOSS ENAMEL

ROYALTY

Formula NY-4600 J

Customer: ONE COAT WHITE

Tint Color

Lab. No.

ADD BY WEIGHT 100 GALLON BATCH % BY

MANUFACTURING

Date 24-SEP-74

CODE NUMBER GALLONS POUNDS WEIGHT

INSTRUCTIONS

COWLES

H V2390 25.00 195.00 18.16 ADD TO COWLES TANK.

E155 1.23 15.00 1.40 ADD AND DISPERSE 5 MINUTES.

N112 7.97 180.00 16.77 ADD PIGMENT AND DISPERSE TO 657

N951 8.10 270.00 25.15 GRIND, DO NOT EXCEED 130 F.

H V2390 10.00 78.00 7.26 ADD TO DISPERSION BEFORE TRANSFER.

S385 5.00 31.60 2.94 COWLES TANK WASH.

H V2390 7.00 54.60 5.09 ADD TO LETDOWN TANK UNDER AGITATION.

H F2233 30.00 210.00 19.56

S385 4.50 28.45 2.65

E390 0.41 3.30 0.31

E382 0.35 2.70 0.25

E303 0.20 1.70 0.16

F262 0.20 1.50 0.14

E273C203 0.25 1.80 0.17

Standard Formula

Not to be taken

from File

CONTAINS LESS THAN .06% LEAD

DO NOT ADD MATERIALS CONTAINING LEAD

Changes: ☐ R.M. ☐ Mfg. ☐ Phys.

YIELD 100.20 1073.6 100.00

Formulator SUTHERLAND/JES Approval WMT/STB

FORM 1389 (BACK) PRINTED IN U.S.A.

CAR FORMULA

Formula or Lab No.

TIROS

CODES

DESCRIPTORS (26 spaces - limit)

Customer

REVISED TO ELIMINATE
N-161 (DISCONTINUED BY
THE SUPPLIER).

End Use

SPEC.

Royalty

☐ Yes☐ No

Silicone

☒ Yes☐ No

Res. V2390

F2233

Resistance

Mtd. or Plots

1-2-5-7-11-13-14-15-16-17-36-16-17-74 (2)

CUSTOMER

APPLICATION

ADDRESS

REGOAT TIME

CONDITIONS

BRUSH/ROLL/SPRAY

4-6 HOURS (A.D.)

OVERNITE

Q

STD. GRIND

FULL BODY VISCOSITY

METHOD

STD. GLOSS METHOD

COLOR MATCH

COLOR HINT

SAG STD.

A

5-7

80-85 KU

155

40-50 / 165

DO NOT SHADE

8-10

L

APPLICATION

FILM THICKNESS

A.D. OR MAKE

MISC. TESTS

LINER MILL

Y

BRUSH

2-3 MIL

AIR DRY

USE SAG TEST 183

01

COWL

C

10-71

ECZ-70-1

11-62

103

0:00

D

RECYCLER

MULTIPLATE

STD. IMPACT METHOD

SPECIAL INSTRUCTIONS

N

S-385

KEM PAPER

O

F-150

67.96

F-150

P

V.C.

35.1

46.5

0.000

0.000

0.00

READING

R

NV/VOL

46.5

0.000

0.000

0.00

0.00

READING

S

35.1

46.5

0.000

0.000

0.00

0.00

READING

GLD059729

Product: SPRED LUSTRE SEMI-GLOSS ENAMEL

ROYALTY

Formula No. Y-4600 H

Customer: ONE COAT WHITE

Tint Color

Lab No.

ADD BY WEIGHT 100 GALLON BATCH

BY

MANUFACTURING

81721774

CODE NUMBER

GALLONS

POUNDS

WEIGHT

INSTRUCTIONS

COWLES

V2390

25.00

195.00

18.36

ADD TO COWLES TANK.

E155

1.23

15.00

1.41

ADD AND DISPERSE 5 MINUTES.

C911

0.23

2.00

0.19

ADD AND MIX WELL.

N161

6.80

150.00

14.13

ADD PIGMENT AND DISPERSE TO 6-7

W951

8.37

280.00

26.37

GRIND. DO NOT EXCEED 130 F.

V2390

10.00

78.00

7.35

ADD TO DISPERSION BEFORE TRANSFER.

S385

5.00

31.65

2.98

COWLES TANK WASH.

V2390

9.00

70.20

6.61

ADD TO LETDOWN TANK UNDER AGITATION

F2233

30.00

210.00

19.78

Standard Formula.

S385

3.00

19.00

1.79

Not to be taken

E390

0.40

3.30

0.31

from File.

E382

0.35

2.70

0.25

E303

0.20

1.70

0.16

E262

0.20

1.50

0.14

CONTAINS LESS THAN .06% LEAD DO

273C203

0.25

1.80

0.17

NOT ADD MATERIALS CONTAINING LEAD

Changes:

☐ R.M.

☐ MIA

☐ Phys.

Formulator

SUTHERLAND/JES

Approved

WMT/STB

YIELD

100.02

1061.8

100.00

Form 100-1 (Rev. 1-1-64) Printed in U.S.A.

C&R FORMULA

Formula or Lab. No.

TIN

CODES

Y-4600-H

Trade Name

DESCRIPTORS (30 characters limit)

Customer

REVISED TO LOWER GLOSS
AND TO IMPROVE MAR
RESISTANCE.

2nd Use

Specs.

Royalty

☐ Yes☒ No

Silicone

☒ Yes☐ No

Resins

V2390

F2233

Resin Name

Mfg. & Plant: 61-5-15-8-11-12-14-15-16-17-30

3-15-74

@ Japan (Shuto) Lab. 4-23-74 (14)

Sample #1

CUSTOMER

APPLICATION

AD/DAKE

DCCOAT TIME

CONDITIONS

BRUSH/ROLL/SPRAY

4-6 HOURS (A.D.)

OVERNITE

STD. SPRING

FULL BODY VISCOSITY

METHOD

STD. GLASS METHOD

COLOR METER

COLOR INSTR.

SAG STD.

6-7

80-85 KU

155

40-50/165

DO NOT SHADE

8-10

APPLICATION

FILM THICKNESS

AD. OR BAKE

MISC. TESTS

DINNER MILL

BRUSH

2-3 MIL

AIR DRY

USE SAG TEST 183

01 COYL

SAG STD. 10.62

RED VISCOSITY STD.

METHOD

RED. LING. TEST TEST

STD. FILTHAM

LABEL WARNING

FILTHAM FILTHAM

10.62

EC2-70-1

11-62

100.00

RECOAT

SUBSTRATE

STD. IMPACT METHOD

SPECIAL INSTRUCTIONS

C-385

KEM PAPER

SAG STD.

STD. FILTHAM

PH. AND COLOR

CL. TIME STD. PV

TYRE FILTER

CLEANUP STD.

P.V. 14.8

HV/Vol. 47.1

Sq. Ft. Dry Mlt.

0

RMS/Sq. Ft./Dry Mlt.

0.000

RMS/Gal.

67.9 F-150

1.83

READING

GLD059731

Product: **SP-45D LUSTRE SEMI-GLOSS ENAMEL**

☐ ROYALTY

Formula No. **Y-4600-G**

FILMED

Customer: **ONE COAT WHITE**

Tints Color:

Lab No. **(BASE)**

ADD BY WEIGHT: 100 GALLON BATCH % BY

MANUFACTURING

Date **04/07/72**

CODE NUMBER GALLONS POUNDS WEIGHT

INSTRUCTIONS

COWLES

V2390 25.00 195.00 18.61

ADD TO COWLES TANK.

*** E382 0.30 2.30 0.22**

*** E155 1.23 15.00 1.43**

PRE-DISPERSE 10 MINUTES.

*** N161 5.89 130.00 12.41**

DISPERSE PIGMENT TO 6-7 GRIND.00

*** W951 8.37 280.00 26.72**

NOT EXCEED 130 F. DURING DISPERSION.

V2390 10.00 78.00 7.44

ADD TO DISPERSION BEFORE TRANSFER.

S385 5.00 31.50 3.01

COWLES TANK WASH.

V2390 10.00 78.00 7.44

ADD TO LETDOWN TANK UNDER AGITATION.

F2233 30.00 210.00 20.04

S345 3.50 22.05 2.10

Standard Formula

*** E390 0.40 3.30 0.31**

Not to be taken

*** E303 0.15 1.30 0.12**

from file

*** E262 0.20 1.50 0.14**

NOTE-N115 MAY BE USED FOR N161.

Changes: ☐ R.M. ☐ Mlb. ☐ Phys.

YIELD **100.04 1047.9 100.00**

Formulator **SUTHERLAND/JES** Approval **MT/STB**

FORM 1000 MARKED PRINTED IN U.S.A.

C&R FORMULA

Formula or Lab No. Y-4600-6

TIROS

CODES

Trade Name

DESCRIPTORS (20 spaces - limit)

Customer

REVISED TO ELIMINATE
LEAD COMPOUNDS.

End Use

Specs.

Reprints

Yes ☒ No ☐

Silicone

Yes ☒ No ☐

Resins

V2390

F2233

Resistance

Mfd. at Plants

CUSTOMER

APPLICATION

CONDITIONS BRUSH/ROLL/SPRAY

AD/BAKE

RECOAT TIME

4-6 HOURS (A.D.)

OVERNITE.

Q STD. PRINCE FULL BODY VISCOSITY

METHOD

STD. GLOSS METHOD

COLOR MATCH

COLOR INSTR.

SAG STD.

U 5-7

80-85 KU

4-C-1

50-60/9-A-1

DO NOT SHADE

8-10

L APPLICATION

FILM THICKNESS AD. OR BAKE

MISC. TESTS

LINER MIL.

T BRUSH

2-3 MIL

AIR DRY

CHECK SAG WITH LENETA BAR

COWL

Y STD. WT. STD. REQ. VISCOSITY STD.

METHOD

RED. RATIO TINT TEST

STD. PENCIL MARK

LABEL WARNING

FLASH FT. LEAD

C 10.48

ECZ-70-1

11-62

100 0

N REDUCER

SUBSTRATE

STD. IMPACT METHOD

SPECIAL INSTRUCTIONS

S-385

CHECK GLOSS AND SAG ON TINT

R CATALYST

POT LIFE

PH - A. NO. COLOR

CURE TIME STD. NY

TYPE FILTER

CLEARLINESS

O L

P.V. 32.6 NY/VAR. 8

Sq. Ft./Dry Mil = 0

RMS/Sq. Ft./Dry Mil = 0.000

RMS/Gal 1.73

GLD059733

Product: SPRED LUSTRE SEMI-GLOSS ENAMEL

Royalty

Formula No. 7-4500-F

Customer: ONE COAT WHITE

Color: WHITE

Lot No. (BASE)

ADDITIVE WEIGHT	100 GALLON BATCH	Wt. %	MANUFACTURING INSTRUCTIONS
CASE NUMBER	GALLONS	POUNDS	
V2390	25.00	195.00	18.52 ADD TO COMLES TANK.
E326	0.36	5.00	0.47
E155	1.23	15.00	1.42 PRE-DISPERSE 10 MINUTES.
NI15	5.75	130.00	12.35 (NI161 MAY BE USED IN PLACE OF NI15)
W951	8.37	280.00	26.50 DISPERSE PIGMENT TO 6-7 GRINDS DO NOT EXCEED 130 F. DURING DISPERSION.
V2390	10.00	78.00	7.41 ADD TO PIGMENT DISPERSION BEFORE
S385	4.00	25.20	2.39 TRANSFER TO LETDOWN TANK.
S385	4.00	25.20	2.39 COMLES TANK WASH.
V2390	10.00	78.00	7.41 ADD TO LETDOWN TANK.
F2233	30.00	210.00	19.95
E344	0.50	4.75	0.45
E380	0.40	3.10	0.29
E304	0.25	2.00	0.19
E262	0.20	1.50	0.14

Standard Formula
Not to be taken
from File.

323.511

419.9901

722.902

Y-4600 F

821.018

REVISED TO REVERT TO

PURE TITANIUM DIOXIDE

CALCIUM CARBONATE PIG-
MENTATION.C. Roca, Muel, Moya
F. Pansa 3.24.70

T.2.F.A. ALKYD(V2390)

SOYA ALKYD(T2233)

H. G. Longtin 3.29.70

Y. L. L. L. L. L.

#1.2.5.8.11.13.14.15.16.17.30

F.30 (C. L. L. L. L.) 5.18.70

PIGMENT

38.9

CALCIUM CARBONATE

31.7

TITANIUM DIOXIDE

68.3

TOTAL

100.0

0.0

VEHICLE

61.1

LINOLEIC-LINOLENICPALMITIC-STEARIC-

OLEIC ALKYD

42.6

MINERAL SPIRITS AND DRIERS

57.4

TOTAL

100.0

0.0

BRUSH/ROLL/SPRAY

4-6 HOURS(A.D.) OVERNITE

6-7

20-85 KU

4-C-1 30-605-4-1

6-10

BRUSH

2-3 MIL. CONTROL

03M

10-32

EGZ-70-1

1-62 NPULA 100. 4-1

S-385

CHECK SAG BY LENETA BAR

6.49

GLD059735

31.9

44.3

0

0.000

1.72

4238

Product **Bored Lustre Semi-Gloss Enamel - One Coat**

Customer

White

Formula Number **Y-4600-E**

Laboratory Number **(BASE)**

R.M. Cost **67** Date **12/5/65**

Mil Cowles Grind **6-7**

NPYLA Alcod **2**

Label Warning **11-62** METHOD

Wt. Gal. **10.94** **5-A-1**

Flash Pt. °F. **100** Theo.

N.V.Wt. **66.7%** Calc.

N.V.Vol. **44.8%** Calc.

Visc. F.R.80-85 KU **4-C-1**

Visc. Red

Reducer **S-385** Ratio

F.V.C. **36.1%** pH

Color **White** Match **EC2-**

70-1

Gloss **50-60** Method **9-A-1**

Strainer

Container

Application **Brush/Roll**

D/KX **4-6 hours**

Recoat Time **Overnite**

Remarks **Revised to lower**

cost using W-137

Formulator **Sutherland/JES**

Approved by **WT/SIB**

CODE NUMBER	100 GALLON BATCH		S.BY WEIGHT	MANUFACTURING INSTRUCTIONS
	GALLONS	POUNDS		
Y-2390	30.0	234.0	21.4	
* C-911	0.23	2.0	0.18	
* E-396	0.29	4.0	0.37	Premix 10 min.
* E-155	0.98	12.0	1.1	
* W-951	5.08	170.0	15.54	Disperse to 6-7
* W-137	11.07	300.0	27.43	grind. DO NOT EXCEED 130°F
Y-2390	12.0	93.6	8.55	Add before transfer.
S-385	4.0	25.2	2.3	
S-385	5.0	31.5	2.88	Cowles tank rinse
P-2233	30.0	210.0	19.2	Latdown in tank
* E-344	0.5	4.75	0.43	
* E-380	0.4	3.1	0.28	
* E-304	0.25	2.0	0.18	
* E-262	0.2	1.5	0.14	
Y-12	100.	1093.65	100	

Standard Formula
Not to be taken
from File

Date 12/5/69 Formula No. Y-4600-E

CLASS 323.317 419.9901 722.902
CODES 821.018Product Spread Lustre Semi-Gloss
Enamel - One Coat White

DESCRIPTORS (20 spaces - limit)

Label Warning #11-62

Trade Name _____ Class _____

ANALYSIS

Substrate and Treatment _____

Pigment 43.0 %

End Use _____

Vehicle 57.0 %

Specifications _____

100.0%

Regality Yes ☐ No ☒ Silicone Yes ☐ No ☒

Pigment

Resins T.O.P.A. Alkyd, Soya Alkyd

Titanium Dioxide 36.2%

Titanium Calcium 63.8%

Color White Gloss 50-60

100.0%

For Use On _____

Resistance _____

Y-Pt. List

Manufactured or Placed 1-2-5-8-11-12-14-15-16-17-30 12-9-69

Vehicle Linoleic, Linolenic,

Oleic, Palmitic, Stearic

Manufacturing Instructions or Remarks

Alkyd Resin 41.6%

C. Rica, West Mexico, Panama 10-16-69

Mineral Spirits

Sailind, Lebanon, Africa, Spain

& Driers 58.4%

London & N. Canada 12-5-70

100.0%

Y-4600 9512

Product Spred Lustre Semi-Gloss Enamel #4600

Formula Number Y-4600-D

Customer One Coat White

Laboratory Number PGL-698791R

R.M. Cost 1.77 Date 8/8/6

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS	Mill - Cowles - Gm
	GALLONS	POUNDS			
V-2390	25	195	18.52	Pre-Mix 10 min.	NPVLA Biload -1
*E-396	0.36	5	0.47	Do not exceed	Label Waming 11-62
*E-155	1.23	15	1.42	130° F.	M/Gal. 10.5#
					Flash Pt. 100
*W-951	8.67	290	27.55	Disperse to 6-7	N.V.W. 64.9%
*H-161	5.44	120	11.40	grind.	N.V. Vol. 44.8%
				Do not exceed 130	Visc. P.B. 80-82 KU
V-2390	20	156	14.82	Add before pumping	Visc. Red.
S-385	4	25.2	2.39		Reducer S-385
					P.V.C 31.5% pH
S-385	4	25.2	2.39	Cowles tank wash	Color White Match ECZ.
					70-
P-2233	30	210	19.95	Let down in tank.	Gloss (60°) 50-60 Method 9-A
*E-144	0.5	4.75	0.45		Stirrer
*E-304	0.25	2	0.19		Container
*E-380	0.4	3.1	0.29		Application: Brush/Roll
*E-262	0.2	1.5	0.14		AD/BOX 4-6 Hours
					Recoat Time Overnight
					Remarks Tint strength
					standardized for
					Master Palette.
					Formulator Sutherland/JES
Yield	100.0	1052.75	99.98		Approved by WMT/STB

Standard Formula
Not to be taken
from file

FORM 100 (back) PRINTED IN U. S. A. 11-68

C & R FORMULA

Date 8/8/69 Formula No. Y-4600-11

C.R. 35 323.311 419.990 722.902

CODES 821.018

Product Spread Lustre Semi-Gloss

Enamel - #4600 One Coat White

DESCRIPTORS (20 spaces-limit)

Label Warning #11-62 NPVIA

Trade Name Customary

ANALYSIS

Substrate and Treatment

Pigment 39.0

End Use

Vehicle 61.0

Specifications

100.0

Reactivity Yes ☐ No ☒ Silicone Yes ☐ No ☒

Pigment

Resins T.O.P.A. Alkyd, Soya Alkyd

Titanium Dioxide 70

Calcium Carbonate 29

100

Color White Gloss 60° 50-60

Porta Roca Unit

For Use On

Mexico Panama 8-15-69

Resistance Y. P. 1st

Manufactured at Plants #1-2-5-8-11-12-14-15-16-17-30

8-15-69

Vehicle Linoleic, Linolenic,

Oleic, palmitic, Stearic

Manufacturing Instructions or Remarks

Alkyd Resin 42.6

Mineral Spirits &

Driers 57.4

100.0

Y-4600 968

GLD059739

Product: **Spred - Lustre Semi-Gloss Enamel - Super**Customer: **White**Formula Number **X-44**

Laboratory Number

R.M. Cost **\$1.71** DateMill **Cowles** GrainMPYLA **12** LeadLabel Warning **11-62**Vol./Gal. **10.55**Flash Pt. °F. **100**H.V. Vol. **65.0%** Calc.H.V. Vol. **44.3%** Calc.Visc. F.B. **80-85 KU** 4-3-1

Visc. Red.

Reducer **S-385** RatioP.V.C. **33.4%** pHColor **White** Match **None**Gloss **45-55** Method **9-A-1**

Shrinkage

Container

Application **Brush/Roll**AD/CS **4-6 hours**Recoat Time **Overnite**Remarks **Revised to****incorporate W-951.**Formulator **Sutherland/JES**Approved by **W.T. STB**

CODE NUMBER	105 GALLON BATCH		% BY WEIGHT
	GALLONS	POUNDS	
V-2390	24.0	187.2	17.67
* E-396	0.36	5.0	0.47
* E-155	1.23	15.0	1.42
* W-951	8.07	270.0	25.48
(*) N-115	6.79	150.0	14.16
DO NOT EXCEED 130°F			
V-2390	20.0	156.0	14.72
S-385	4.0	25.2	2.38
* 369-WA-16	0.11	1.4	0.13
P-2233	30.0	210.0	19.82
S-385	4.51	28.4	2.68
* E-344	0.51	4.8	0.45
* E-304	0.25	2.0	0.19
* E-380	0.4	3.1	0.29
* E-262	0.2	1.5	0.14
(*) N-161 may be used in place of N-115.			
Yield	100.43	1059.6	100.0

MANUFACTURING INSTRUCTIONS

Pre-disperse

10-15 minutes.

Disperse to 6-7 grind.

Add before pumping.

Letdown in tank.

Standard Formula

Not to be taken

from file

Date 5/15/69 Formula No. Y-4600-C

CLASS 323.311 419.9901 722.902

CONES 821.018

Product Spread Lustre Semi-Gloss

Enamel - Super White

DESCRIPTORS (20 spaces-limit)

Label Warning #11-62 NPVLA

Trade Name

Customer

ANALYSIS

Substrate and Treatment

Pigment 39.6 %

End Use

Vehicle 60.4 %

Specifications

100.0%

Roughly

Yes ☐No ☒

Silicone

Yes ☐No ☒

Pigment

Resins

T.O.F.A. & Soya Alkyds

Titanium Dioxide

64.3%

Calcium Carbonate

35.7%

Color

White

Gloss

45-55

#30 of Enamel - Super White

For Mix On

F. Murphy 6-16-69 11/24

Resistance

Manufactured at Plant #1-2-5-814-15-16-17

Vehicle Oleic, Linolenic,

Oleic, Palmitic, Stearic

Manufacturing Instructions or Remarks

Alkyd Resin

42.0%

Recommended Batch Size:

Mineral Spirits

100 H.P. - 100 Gals.

& Driers

58.0%

60 H.P. - 600 Gals.

100.0%

Coca Pina, Panama, Mexico, Guatemala

6-24-69 (7-8)

Y-4600

965

Product: **Spred Lustre Alkyd Semi-Gloss Enamel**

Formula Number: **Y-4600-B-1**

Customer: **Super White**

Laboratory Number: **5/2/68**

R.M. Cost: **5/2/68**

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS	Grind	
	GALLONS	POUNDS			MPVA	Grind
Cowles Procedure For 100 Gallon Batch: SEE BACK						
V-2390	15.00	(117.0)	10.47		11-62	5-3-1
E-155	(0.90)	13.0	0.98	Pre-disperse at slow speed 10-15 minutes.	Flash Pt. 130°	Then
N-755	(8.64)	300.0	26.85		N.V.W. 68.2%	Calc.
N-115	(8.10)	183.0	16.38		N.V.Val. 46.1%	Calc.
N-413	(0.89)	20.0	1.79		Visc. F.B. 80-85 KU	4-C-1
V-2390	9.00	(70.2)	6.28	Disperse to a 6 grind-maximum temperature 130°F	Visc. Red.	
* OF N-101					Reducer S-385	Ratio
V-2390	10.00	(78.0)	6.98		P.V.C. 38.1%	ph
E-396	(0.36)	5.0	0.45		Color White	Match None
369-NA-10	(0.10)	1.40	0.13	(Weigh carefully)	Gloss 45-55	Method 9-A-1
E-385	3.10	(19.6)	1.75	Mix 10-15 minutes	Strainer	
At 1000 Rpm - 12 min. max.					Containers	
V-2390	8.10	(63.2)	5.65	Set-Down	Application Brush Roll Spray	
V-2390	30.00	(240.0)	19.79		AD/Boto	1-6 hrs.
E-385	5.00	(31.0)	2.43		Release Time Overnight	
E-380	0.25	(2.00)	0.24	Standard Formula	Remarks	
E-380	0.15	(1.20)	0.11	Not to be taken from file.	Formulator	Scotchwick
E-380	0.40	(3.10)	0.31		Approved by	WT. STB
Yd. Wt. 22.73	100.5	1120.9	100.0			

Product: **Super Latex Alkyd Concentrate Emulsion**

Customer:

Super Willow

Formula Number

Laboratory Number (Alternate)

R.M. Cost

Date: 6/7/68

Mil. 1000000

Grid

NPVLA 1000

Label Warning 11-02

METHOD

Wt./Gal. 11.1

Flash Pt. °F. 100

N.V. Vol. 400

Visc. P.B. 80-85 K

Visc. R&D

Reducer 5-55 R

P.V.C. 30.15 pH

Color White

Glass 47-55

Strainer

Container

Application 100% Full Body

Ad/Bake 4-0-100

Recoat Time Overnight

Remarks 1-5000 Rel. 11

Released to replace

W-755 with W-901

Formulator

Approved by

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS
	GALLONS	POUNDS		
1-2300	100.00	117.0	10.47	Details See Back
2-165	10.90	12.0	0.98	Pre-disperse 20
				slowly add to mix
W-051	8.6	300.0	26.85	minutes
W-115	8.52	188.0	16.74	
1-413	0.68	15.0	1.33	
1-2300	9.00	70.2	6.20	Disperse 10-20
				grind-maximum
1-2300	10.00	78.0	6.98	temp. 130 F.
1-2300	10.00	5.0	0.44	
1-2300	0.10	1.4	0.13	Reign color 11.1
1-2300	7.10	19.5	1.75	10-15 min
1-2300	8.10	63.2	5.60	Let-down
1-2300	10.00	210.0	18.79	
1-2300	5.00	131.0	11.63	
1-2300	0.25	2.0	0.14	
1-2300	0.25	1.5	0.11	
1-2300	0.40	1.2	0.11	
1-2300	0.40	1.3	0.11	
Yield	100.74	1122.9		

Standard Formula
Not to be used

Date **6/3/68** Formula No. **Y-4600-**

CLASS **323.311 419.9909 722.902**

Product **Spread Lustre Alkyd Semi**

CODES

Gloss En. - Super White

DESCRIPTORS (20 spaces-14 in)

Label Warning **#11-62 NPVLA**

Trade Name

Customer

ANALYSIS

Substrate and Treatment

Pigment **45.0%**

End Use

Vehicle **55.0%**

Specifications

100.0%

Royalty

Yes ☐

NE ☐

Silicone ☒

Yes ☐

No ☒

Pigment

Titanium Dioxide 59.6%

Resins

V-2390, P-2233
Calcium Carbonate 36.4%
Magnesium Silicate 4.0%

Color

Blued White

Class **Semi**
45-55
100.0%

For Use On

C. R. R. White
Panama, Mexico 9-5-68

Resistance

Manufactured at, Phone

#1-2-3-8-11-12-14-15-16-17
4-30 (Myers) 1-3-69

Manufacturing Instructions or Remarks

Recommended Batch Sizes For:
100 H.P. Cowles
1000 Gallons
60 H.P. Cowles
600 Gallons
30 H.P. Cowles
300 Gallons
15 H.P. Cowles
150 Gallons

Vehicle

Linoleic, Oleic, Linoleic,
Palmitic, Stearic
Alkyd Resin
42.3%
Mineral Spirits
& Driers
57.7%
100.0%
Y-4600
7681

Formula Number Y-4600-B 84

Product **Spread Lustre Alkyd Semi-Gloss Enamel -**

Laboratory Number

Customer

Super White

R.M. Cast

Date 6/3/68

CODE NUMBER	100 GALLON BATCH		BY WEIGHT	MANUFACTURING INSTRUCTIONS
	GALLONS	POUNDS		
Cowles Procedure For 100 Gallon Batch: See Back				
V-2390	15.00	(117.0)	10.47	
E-155	(0.90)	13.0	0.98	Pre-disperse at
				slow speed 10-15
				minutes.
H-755	(8.64)	300.0	26.85	
H-115	(8.10)	183.0	16.38	
H-413	(0.89)	20.0	1.79	
V-2390	9.00	(70.2)	6.28	Disperse to a 6
* or H-161				grind-maximum
V-2390	10.00	(78.0)	6.98	temp. 130°F.
E-396	(0.36)	5.0	0.45	
369-WA-16	(0.10)	1.4	0.13	(Weigh carefully)
S-385	3.10	(19.6)	1.75	Mix 10-15 min.
At transfer-maximum temp. 125°F.				
V-2390	8.10	(63.2)	5.66	Let-Down
*V-2229	30.00	(210.0)	18.79	
S-385	5.00	(31.6)	2.83	
E-304	0.25	(2.0)	0.14	
E-344	0.50	(4.6)	0.41	
E-262	0.16	(1.2)	0.11	
E-180	0.40	(3.1)		
** or V-2233				
Yield	100.5	1120.9	100.0	

Mill Cowles

Grind 6

NPVLA: Seal -1

Label Warning 11-62 METHOD

Wt./Gal. 11.15 5-A-

Flash Pt. °F. 100 Theo.

N.V.W. 68.2% Calc.

N.V.Val. 46.13 Calc.

Visc. F.B. 80-85 MU A-D-

Visc. Red.

Reducer S-385 Ratio

P.V.C. 38.1% pH

Color White Match None

Gloss 45-55 Method 9-A-

Strainer

Container

Application Brush Full Body

Dry Time 4-6 hrs.

Recoat Time Overnight

Remarks

Y-56H-F (RELABEL)

Formulator Southwick

Approved By NT STB

Standard Formula

Not to be taken

from file.

Date: 6/3/68 Formula No. 7-4600

CLASS: 323.311 419.9909 722.902
CODES:

Product: Spread Lustre Alkyd Semi Gloss En. - Super White

DESCRIPTORS (20 spaces - limit)

Label Warning: #11-62 HPVLA

Trade Name: Customer:

ANALYSIS

Substrate and Treatment:

Pigment: 45.0%

End Use:

Vehicle: 55.0%

Specifications:

100.0%

Royalty: Yes ☐ No ☒ Silicone Yes ☐ No ☒

Pigment

Resins: 7-2390, 7-2233

Titanium Dioxide 59.6%

Color: Blued White Gloss Semi 45-55

Calcium Carbonate 36.4%

For Use On:

Magnesium Silicate 4.0%

Resistance:

100.0%

Manufactured at Plant:

C. R. Penick, Mexico

1-2-3-8-11-12-14-15-16-17

6-10-68

7-30 (Engstrom) 6-11-68

Vehicle

7-30 (Mylar) 1-2-68

Linoleic, Oleic, Linolenic,

Manufacturing Instructions or Remarks:

Palmitic, Stearic

recommended Batch Sizes For:

Alkyd Resin 42.3%

100 H.P. Cows 1000 Gallons

Mineral Spirits

60 H.P. Cows 600 Gallons

& Driers 57.7%

20 H.P. Cows 200 Gallons

100.0%

20 H.P. Cows 200 Gallons

7-4600

7581

Product: **Spred Lustre Alkyd Semi-Gloss Enamel -**

Customer: **Super White**

Formula Number: **V-2**

Laboratory Number:

R.M. Cost: Date:

Mill: **Cowles** Grin:

NPVLA: **Lead**

Label Warning: **11-52**

M. Gal.: **11.14**

Flash Pt.: **100°**

N.V. Wt.: **68.25** Calc.:

N.V. Vol.: **46.15** Calc.:

Visc. F.B.: **80-85 KU** 4-C-1

Visc. Red.:

Reducer: **S-385** Ratio:

P.V.C.: **98.1%** pH:

Color: **White** Match: **None**

Gloss: **50-60** Method: **9-A-1**

Strainer:

Container:

Application: **Brush Full Body**

AD/Bake: **4-6 hrs.**

Recoat Time: **Overnight**

Remarks:

To use V-2229

from File

Formulator: **Southwick**

Approved by: **WT STE**

CODE NUMBER: 100 GALLON BATCH
GALLONS POUNDS % BY WEIGHT

Cowles Procedure For 100 Gallon Batch: SEE BACK
V-2390 15.00 (117.0) 10.47
K-155 (0.90) 13.0 0.98
W-755 (8.64) 300.0 26.85
N-113 (8.10) 183.0 16.38
N-413 (0.89) 20.0 1.79
V-2390 9.00 (70.2) 6.28
Disperse to a 6
grind-maximum
temperature 130°F
V-2390 10.00 (78.0) 6.98
E-396 (0.38) 5.0 0.45
369-WA-16 (0.10) 1.40 0.13
S-385 3.10 (19.6) 1.75
At transfer maximum temp. 125°F
V-2390 8.10 (63.2) 5.66
V-2229 30.00 (210.0) 18.79
S-385 5.00 (31.6) 2.83
E-304 0.20 (1.60) 0.14
E-344 0.50 (4.50) 0.41
E-262 0.15 (1.20) 0.11
Standard
Not to be taken
from File
Yield 100.05 1117.40 100.0

Date 10/30/67 Formula No. 4600-2

CLASS	323	311	419	0909	722	902
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COBAS

Product Spread Lustre Alkyd Semi-

Gloss Enamel-Super White

Label Warning : #11-52 NPVT-A

DESCRIPTORS (28: 225553-17/1)

Trade Name	Spread Lustre	Customer	Trade Sales
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Symptoms and Treatment

End Use:

Species: *Enjion*

Royalty Yes ☐ No ☒ Silicone Yes ☐ No ☒

ANALYSIS

Pigment 5.0

Vehicle 65' 0

100% 100% 100%

Resin: V-2390. F-2233

Pinned

Titanium Dioxide 50.69

Calcium Carbonate	36.43
-------------------	-------

Magnesium Silicate 4.05

100-43

Color	Blued White	Gloss	Semi-Gloss	50-60
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For Use On

RESISTANCE

Manufactured at Plant 1-2-5-8-11-12-14-15-16-17

Vehicle

Linoleic, Oleic, Linolenic

~~Palmito, Steerio~~

Allyl Resin 42.35

MINERAL SPIRITS

DECLASSIFIED 57-76

100-43

Manufacturing Instructions or Recommended Batch

SIZE: 10F:

100 H.P. Cowler - 1000 Gallons

60 H.P. COMPLEX - 600 GALLONS

COVAGE - 500 Gallons

~~40 H.B. Copies = 400 Gallons~~

4-24-79

GLD059749

Product **Spred Lustre Alkyd Semi-Gloss Enamel -**Customer **Super White**Formula Number **Y-4600-A BASE**Laboratory Number **62000000**R.M. Cost **10/30/6**

CODE NUMBER	100 GALLON BATCH		S BY WEIGHT	MANUFACTURING INSTRUCTIONS	Mill Cowles Grind		
	GALLONS	POUNDS			NPVLA	RLoad	
Cowles Procedure for 100 Gallon Batch : SEE BACK					Label Warning	11-62	
V-2390	15.00	(117.0)	10.47	Pre-disperse at slow speed 10-15 minutes.	Wt. Col.	11.1%	
E-155	(0.90)	11.0	0.98		Flash Pt.	400	
W-755	(8.64)	300.0	26.85		N.V.Wt.	68.2%	
N-113	(8.10)	183.0	16.38		N.V.Vol.	46.1%	
N-413	(0.89)	20.0	1.79		Visc. F.B.	80-85 KU	
V-2390	9.00	(70.2)	6.28	Disperse to a 6 grind-maximum temperature 130°F.	Visc. Red.		
					Reducer	S-385	Ratio
					P.V.C.	38.1%	pH
					Color	White	Match None
V-2390	10.00	(78.0)	6.98	(Weigh carefully) Mix 10-15 minutes.	Gloss	50-60	Method 9-A-1
E-396	(0.36)	5.0	0.45		Strainer		
369-WA-16	(0.10)	1.40	0.13		Containers		
S-385	3.10	(19.6)	1.75		Application	Brush Full Body	
At transfer maximum temp. 125°F.					Ab. Bake	4-6 hrs.	
V-2390	8.10	(63.2)	5.66	Standard Formula. Not to be taken from file.	Repeat Time	Overnight	
P-2233	30.00	(210.0)	18.79		Remarks	Changed to use odorless P-2233 & S-385.	
S-385	5.00	(31.6)	2.83		Formulator	Bednarik/Southwick	
E-304	0.20	(1.60)	0.14		Approved by	S.T.B.	
E-344	0.50	(4.60)	0.41				
E-262	0.16	(1.20)	0.11				
Yield	100.05	1117.40	100.00				

Glidden Patent 1109-1 (1955) Printed in U.S.A. 2767

C & R FORMULA

Date 10/30/67

Formula No. 4600-A

CLASS 323.311 419.9909 722.902
CODES

Product Spread Lustre Alkyd Semi-Gloss Enamel-Super White

DESCRIPTORS (20 spaces-limit)

Label Warning #11-62-HPVIA

Trade Name Spread Lustre

Customer Trade Sales

ANALYSIS

Substrate and Treatment

Pigment 15.0 %

End Use

Vehicle 55.0 %

Specifications

100.0%

Royalty

Yes ☐

No ☒

Silicone

Yes ☐

No ☒

Pigment

Resins V-2390, P-2233

Titanium Dioxide 59.6%

Calcium Carbonate 36.4%

Magnesium Silicate 4.0%

Color Blued White

Gloss Semi-Gloss 50-60

100.0%

For Use On

#5 (R.H.) 3-5-68

Resistance

Manufactured at Plants

Y En Int

11-8-67

11-9-67

Vehicle

Linoleic, Oleic, Linolenic,

Palmitic, Stearic

Manufacturing Instructions or Remarks

Recommended Batch

Sizes for:

Alkyd Resin 42.3%

100 H.P. Cows - 1000 Gallons

Mineral Spirits &

60 H.P. Cows - 600 Gallons

Driers 21.7%

50 H.P. Cows - 500 Gallons

100.0%

40 H.P. Cows - 400 Gallons

4600

7601

GLD059751

Product **Spred Lustre Alkyd Semi-Gloss Enamel**

Customer **Super White**

Formula Number **Y-4600-A**

Laboratory Number

R.M. Cost

Date **10/30/6**

Mill **Cowles**

Grind

NPV: **1** Lead

Label Warning **11-62**

Wt./Gal. **11.1#**

Flash Pt. **300**

N.V.W. **68.2%**

N.V. Vol. **46.1%**

Visc. F.B. **80-85 KU**

Visc. Red.

Reducer **S-385**

Ro

P.V.C. **38.1%**

Color **White**

Match

None

Gloss **50-60**

Method

9-A-1

Strainer

Canliner

Application **Brush Full Body**

and Base

4-6 hrs.

Recoat Time **Overnight**

Remarks **Changed to use odorless P-2233 & S-385**

Formulator **Bednarik/Southwick**

Approved by **S.T.B.**

CODE NUMBER	100 GALLON BATCH		S.B.Y. WEIGHT	MANUFACTURING INSTRUCTIONS
	GALLONS	POUNDS		

Cowles Procedure for 100 Gallon Batch : SEE BACK

V-2390	15.00	(117.0)	10.47	
E-155	(0.90)	11.0	0.98	Pre-disperse at
				slow speed 10-15
				minutes.
W-755	(8.64)	300.0	26.85	
N-113	(8.10)	183.0	16.38	
N-413	(0.89)	20.0	1.79	
V-2390	9.00	(70.2)	6.28	Disperse to a 6
				grind-maximum
				temperature 130°F.
V-2390	10.00	(78.0)	6.98	
E-396	(0.35)	5.0	0.45	
369-WA-16	(0.10)	1.40	0.13	(Weigh carefully)
S-385	3.10	(19.6)	1.75	Mix 10-15 minutes.
				At transfer-maximum temp. 125°F.
V-2390	8.10	(63.2)	5.66	Let-Down
P-2233	30.00	(210.0)	18.79	
S-385	5.00	(31.6)	2.83	
E-304	0.20	(1.60)	0.14	
E-344	0.50	(4.60)	0.41	
E-262	0.16	(1.20)	0.11	
Total	100.05	1117.40	100.00	

DISC Formula
Standard
Not to be taken
from file

CLASS		323.311 419.9909 722.002		Date	10/30/67	Formula No.	Y-4600-A
CODES				Product	Spreed Lustre Alkyd Semi-Gloss Enamel Super White		
DESCRIPTORS (20 spaces - limit)				Label Warning	#11-62 NPLA		
Trade Name		Spreed Lustre		Customer	Trade Sales		
Substrate and Treatment				Pigment	45.0		
End Use				Vehicle	55.0		
Specifications				Pigment	100.0%		
Royalty		Yes ☐ No ☒ Silicone Yes ☐ No ☒					
Resins		V-2390, P-2233		Titanium Dioxide 59.6%			
Color		Blue White		Calcium Carbonate 36.4%			
For Use On		Glass		Magnesium Silicate 4.0%			
		Semi-Gloss 50-60		100.0%			
Resistance							
Manufactured at Plant		#1-2-5-8-11-12-14-15-16-17		4-28-68			
				Vehicle			
Manufacturing Instructions or Recommended Batch				Linoleic, Oleic, Linolenic, Palmitic, Stearic			
Sizes for:				Alkyd Resin 42.3%			
100 H.P. Cowles - 1000 Gallons				Mineral Spirits & Driers 57.7%			
50 H.P. Cowles - 600 Gallons				100.0%			
50 H.P. Cowles - 500 Gallons							
40 H.P. Cowles - 400 Gallons							
				Y-4600 7601			

Date 3/1/67 Formula No. Y-4600-W

CLASS
CODES

Product Spread Lustre Alkyd S. O.

En. - Super White

DESCRIPTORS (20 spaces-limit)

Label Warning #11-62 NFVLA

Trade Name Customer

Substrate and Treatment ANALYSIS

End Use Pigment 43.8 %

Specifications Vehicle 56.2 %

Royalty Yes ☐ No ☒ Silicone Yes ☐ No ☒ Pigment 100.0%

Resins V-2390, F-2375 Titanium Dioxide 61.2%

Calcium Carbonate 38.8%

100.0%

Color White Gloss Semi-GLOSS

For Use On 55-65

Resistance

Manufactured at Plants #1-2-4-5-8-11-12-14-15-16-17

3-15-27

Vehicle

Linoleic, Oleic, Linolenic,

Palmitic, Stearic,

Alkyd Resin 43.8%

Mineral Spirits &

Driers 56.2%

100.0%

NO CHANGE IN ANALYSIS

Y-4600 666

GLD059755

C&R FORMULA

Glidden Form 1109-1. Printed in U.S.A. 5/65

BASE

Product Sored Lustre Alkyd Semi-Gloss Enamel				Formula Number Y-4600-0	
Customer Super White				Laboratory Number	
CODE NUMBER	100 GALLON BATCH	BY WEIGHT	MANUFACTURING INSTRUCTIONS		
	GALLONS POUNDS				
V-863-A	15.00 (117.0)	--	R.M. Cost Date 6/17/63		
VR-959	(0.82) 10.0	0.89	Mill Cowles Grind 0		
			S Lead Less than 1		
H-255	(8.64) 300.0	26.82	Boil 11.17 Method 5-A-1		
H-154	(8.42) 190.0	16.98	Flash Pt. F-100 Method Theor		
V-863-A	19.00 (148.2)	--	H.V. Wt. 63.48 Method Calc		
			H.V. Val. 47.48 Method Calc		
			Visc. F.B. 77-82 Method 4-C-1		
			Visc. Red. Method		
			Reducer S-340 Ratio		
R-353	(0.36) 5.0	0.44	P.V.C. 35.9% pH		
369-WA	(0.10) 1.40	0.12	Color White Match		
			Gloss 55-65 Method 9-A-		
V-863-A	15.70 (122.5)	34.65	Shiner		
V-895	20.00 (145.0)	12.96	Container		
S-340	11.10 (72.2)	6.48	Label Warning #11-62 NFVLA		
VM-524	0.20 (1.6)	0.24	Application Brush		
VM-526	0.50 (4.6)	0.41	Cure Air-dry: 4-6 hours		
CB-359	0.15 (1.2)	0.11	Recoat: Overnight		
			Remarks Changed to use		
			U-863-A & V-895		
			Formulator J. Southwick/Padner		
			Approved by S. Powell		
Yield for batch			100.00 1118.7 100.0		
			MANUFACTURING TEMP. 130°F		
			MUST NOT BE KEPT		

GLD059756

CLASS		6/17/66	ANALYSIS	Y-4600
CODES			Pigment	43.8
DESCRIPTORS (20 spaces - limit)			Vehicle	56.2
Trade Name	Spred Lustre	Customer		100.0
Substrate and Treatment		Pigment		
End Use		Titanium Dioxide		61.25
Specifications		Calcium Carbonate		38.85
Royalty	Yes ☐ No ☒	Silicone	Yes ☐ No ☒	100.0
Resins	Tall Oil Ortho Phthalic Alkyd V-863-A & Tall Oil Flat Wall Resin V-895			
Color	White	Gloss	Semi-Gloss 55-65	
For Use On				
Resistance	Vehicle			
Manufactured at Plants	#1-2-4-5-8-11-12-14-15-16-17		Linoleic, Oleic, Linolenic, Palmitic, Stearic, Alkyd Resin 43.85	
	7-28-66-41		Mineral Spirits & Driers 55.25	
	30 (Enphor) + (Beck) 7-28-66-41		100.0	
	W. J. E. P. Co. 8-11-66-5			
	Columbia, C. P. Co., Bowden 10-11-66-5		Warning #11-62 NFVLA	
	W. J. E. P. Co., Bowden 10-11-66-5			
	J. J. E. P. Co., Bowden 10-11-66-5			
	J. J. E. P. Co., Bowden 10-11-66-5			
Glosses Form 1109-L (back) Printed in U.S.A. 9/61		Y-4600	666	

GLD059757

SLIDEN 2004 PRINTED IN U.S.A. FRONT

FORMULA RECORD

GOODS: Spred Lustre - Super White

FORMULA NO. Y-4600-T size

LABORATORY NO. (Pebble)

CONSISTENCY

COST CLASS: DATE 5/26/64

FOR USE ON Mfg. plants #1-2-4-5-8-11-12-14-15-16-17

STRAINER: GRIND 6

CUSTOMER: Less than 15 Lead

MILL Pebble WT. OR BELT 77

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
M-255				(8.72)	300.0		WISC. F.B. 72-74 KU TEMP. 77
M-154				(5.54)	125.0		WISC. RED. TEMP.
M-199	NO CHANGE			(0.89)	20.0		VISCOSIMETER Stormer
M-218	Premix FOOD USE			(0.27)	4.0		COLOR White SHEEN 60-65
S-91				0.30	(2.0)		NON-VOL 64.7% FLASH PT. 100°F
CH-185				(0.68)	6.0		WATCH FOR
36 9-WA-16	(Weigh Carefully)			(0.10)	1.40		REDUCER S-240
M-333	Add at first let-down			(0.37)	5.2		MT. FOR BRUSHING Full Body
V-891	(20 gals. in grind)			62.00	(471.0)		SPRAYING TUMBLING
S-240	(13 gals. in grind)			20.40	(133.0)		DIPPING DRIP TIME
VM-534				0.37	(3.00)		BAKE TEMP.
VM-816				0.75	(5.40)		AIR DRIES IN 4-5 hours
CH-359	Standard Formula			0.14	(1.10)		A. D. TO RECOAT IN Overnight
M-443	Not to be taken from file					4-1/2 Loz	REMARKS: Changed to new shading procedure.
							NV by Vol. 42.0%
							PVC 37.4%
							Mill Base 49.6%
							FORMULATOR J. E. Southwick
YIELD				100.53	1077.10		

GLD059758

GOODS Sored Lustre - Super White

LABORATORY NO.

CONSISTENCY

COST CLASS

DATE 5/26/64

FOR USE ON MFR. plants #1-2-4-5-8-11-12-14-15-16-17

STRAINER

GRIND 6

CUSTOMER Less than 1% Lead

MILL Cowles

WT. OR BELO 7#

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
Add in order listed:							VISC. F. 3.72-74 KU TEMP. 77°F
V-891				36.00	(273.6)		VISC. RED. TEMP.
H-218				(0.27)	4.0		VISCOSIMETER Stomper
H-199				(0.89)	20.0		COLOR White SHEEN 60-65
H-255				(8.72)	300.0		NON VOL 64.7% FLASH PT 100°F
H-154				(5.54)	125.0		MATCH FOR
369-WA-16 (Weigh carefully)				(0.10)	1.40		REDUCER S-240
Disperse to a 6 grind, then add:							AMT. FOR BRUSHING Full Body
CH-185				(0.68)	6.0		SPRAYING TUMBLING
S-333				(0.37)	5.2		DIPPING DRIP TIME
S-91				0.30	(2.0)		BAKE TEMP.
Mix 5-10 minutes, then let-down:							AIR DRIES IN 4-5 hours
V-891				26.00	(197.4)		A.D. TO RECOAT IN Overnight
S-240				20.40	(133.0)		REMARKS: Changed to new
VN-574	Standard Formula			0.37	(3.00)		Shading procedure
VN-816				0.75	(5.40)		NV by Vol. 42.0%
CH-359				0.14	(1.10)		PVC 37.4%
M-443							MILL Base 51.2%
						4-1/2	
						LOZ.	FORMULATOR J. E. Southwick
YIELD				100.53	1077.20		

REVISIONS AND PRINTED IN U.S.A. FRONT

FORMULA RECORD

GOODS: Spred Laistre - Super White

FORMULA NO. Y-4600-T (Sand)

CONSISTENCY

LABORATORY NO. Mill

FOR USE ON Mig. Plants #1-2-5-8-12-14-16-17

COST CLASS BASE DATE 5/26/6

CUSTOMER: Less than 1% Lead

STRAINER GRIND 6

MILL and Mill 7 WT. OR BE 10.7%

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
Premix:							
W-255 (Viscosity of premix)				(9.72)	300.0		WISCOSINETER Storch
W-154 (Should be approxi-				(5.54)	125.0		COLOR White GREEN 50-65
W-199 (nately 75 KU)				(0.89)	20.0		NON VOL. 64.7% FLASH PT. 100°F
W-218 Premix				(0.27)	4.0		MATCH FOR
S-91				0.30	(2.0)		REDUCER S-240
CH-185				(0.68)	6.0		W. FOR BRUSHING Mill Body
369-NA-16 (Weigh carefully)				(0.10)	1.40		SPRAYING TUMBLING
V-891				15.00	(114.0)		DIPPING DRY TIME
S-240				15.00	(97.8)		BAKE TEMP.
Disperse to a 6 Grind, then add:							
V-891				47.00	(357.0)		AIR DRIES IN 4-5 hours
S-240				5.40	(35.2)		A. D. TO RECOAT IN Overnight
M-333				(0.37)	5.2		REMARKS:
VM-534 Standard formula				0.37	(3.00)		NV by Vol. 42.0%
VM-816 Not to be taken				0.75	(5.40)		PVC 37.4%
CH-359 from File				0.14	(1.10)		Mill Base 46.6%
M-443						4-1/2 Loz.	
YIELD				100.53	1077.10		FORMULATOR J. E. Southwick

GLD059762

[illegible]

GLD059763

NAME: Spred Lustre - Super White

COST CLASS: 5435 DATE: 6/17/6

PERSISTENCY

STRAINER: GRIND: 6

IR USE ON: Mfg. Plants - 1-2-5-8-12-14-16-17

MILL: Sand Mill WT. OR E

ISTOMER: Less than 1% Lead

IS AGITATOR REQUIRED

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
Premix:							VISC. F. B. 72-74 KMP.
W-255 (Viscosity of premix)			(8.72)	300.00			VISC. RED. TEMP.
W-154 (Should be approxi-			(5.54)	125.0			VISCOSIMETER Stomper
W-199 (nately 75 KU)			(0.89)	20.0			COLOR White SHEEN
W-218			(0.27)	4.0			RED VOL. 64.7% FLASH PT
							MATCH FOR
CH-185			(0.68)	6.0			REDUCER S-240
360-WA-36 (Weigh carefully)			(0.10)	1.40			WMT. FOR BRUSHING Full Body
V-891			15.00	(114.0)			SPRAYING TUNBLING
S-240			15.00	(97.8)			DIPPING DRIP TIME
Dispense to a 6 Grind, then add:							BASE TEMP.
V-891			47.00	(357.0)			AIR DRIES IN 4-5 hours.
S-240			5.40	(35.2)			A.D. TO RECOAT IN Overnight
M-333			(0.37)	5.2			REMARKS:
VM-534			0.37	(3.00)			NV by Vol. 42.0%
VM-816			0.75	(5.40)			PVC 37.4%
CH-359			0.14	(1.10)			M11 Base 46.6%
S-91			0.30	(2.00)			
M-443						4-1/2	
						LOZ.	
							FORMULATOR J. E. Southwick
YIELD:			100.53	1077.10			

FORMULA NO. Y-4600-S (Pebble

GOODS Spread Lustre - Super White

LABORATORY NO. BASE

CONSISTENCY Mfg. at plants #1-2-4-5-8-11-12-14-15-16-17 COST CLASS DATE 7/2/63

FOR USE ON STRAINER GRIND 6

CUSTOMER Less than 1% Lead MILL Pebble WT. OR BE 10.7

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.	TEMP.
M-255				(8.72)	300.0		72-74 KU	77°F
M-154				(5.53)	125.0		VISCOSIMETER	Stormer
M-109				(0.88)	20.0		COLOR	White SHEEN 60-65°
M-333				(0.40)	5.2		NON VOL	FLASH PT 100°F
CH-185				(0.68)	6.0		WATCH FOR	Y-4600
W-218	Remix			(0.27)	4.0		REDUCER	8-240
S-91				0.30	(2.0)		ANT. FOR BRUSHING	F.B.
V-891	(20 gals. in grind)			62.0	(471.0)		SPRAYING	TUMBLING
S-240	(13 gals. in grind)			20.4	(132.0)		DIPPING	DRIP TIME
VH-534				0.37	(3.00)		BAKE	TEMP.
VH-816	Standard Formula			0.75	(5.55)		AIR DRIES IN	4-5 hours
CH-359	Not to be taken			0.14	(1.08)		A.D. TO RECOAT IN	Overnight
M-443	from file						REMARKS	CH-185 increased for better flow control.
							Loz. PVC	37.0%
369-WA-16				Trace			NV by Vol.	41.5%
							NV by Wt.	64.6%
							Mill Base	49.4%
							FORMULATOR	J. E. Southwick
YIELD	SEE	1-4600-7		100.44	1074.83			

DISCONTINUED

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT 41	Y-4600-9
		VEHICLE 59	Spred Lustre - Super White
		100 %	7/2/63
		PIGMENT	Warning No. 71-62 NPVLA
		Titanium Dioxide 68.1%	
		Calcium Carbonate 28.9	No change in analysis
		Magnesium Silicate 3.0	
		100.0%	
			Y Enamel Test 7-16-63
			# 1-2-4-5-8-11-12-14-15-16-17
		Tinting material less than 5%	England (British) 7-19-63
			Perman 10-4-63
		VEHICLE	
		Soya Alkyd Resin 38.5%	
		Mineral Spirits & Driers 61.5	Perma 11-4-63 (2)
		100.0%	
		Equation 4-27-64 (3)	Lat Japan 2-12-64
			West India 3-3-64
			Quaternary 3-2-64
			Perman 3-2-64 (2)
			Manila 3-31-64
		Y-4600 069	Colombia 4-24-64 (2)
			Perma 4-22-64

GLD059767

[illegible]

GOODS Spread Lustre - Super White

LABORATORY NO.

CONSISTENCY Hg. at plants #1-2-4-5-8-11-12-14-15-16-17

COST CLASS. 885 DATE

FOR USE ON

STRAINER 100 GRIN

CUSTOMER Lead Free

MILL Pebble WT.

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
V-255				(8.72)	300.0		VISC. P.B. 72-74 KUDEM
N-154	Standard Formula			(5.53)	125.0		VISC. RED. TEMP.
V-199	Not to be taken from file.			(.88)	20.0		VISCOSIMETER Stomper
N-331				(.4)	5.2		COLOR White SHEN 60-65
CH-185				(.34)	3.0		NON-VOL. FLASH PT. 100
V-218) Premix				(.27)	4.0		WATCH FOR Y-4600
S-91				(.30)	(2.0)		REDUCER S-240
V-891 (20 gals. in grind)				62.0	(471.0)		AMT. FOR BRUSHING P.B.
S-240 (13 gals. in grind)				20.4	(132.0)		SPRAYING TUBING
VM-534	DISCONTINUED			.37	(3.00)		DIPPING DRIP TIME
VM-816				.75	(5.55)		BAKE TEMP.
CH-359				.14	(1.08)		AIR DRIES IN 4-5 hrs.
N-443	SEE Y-4600-S				4-1/2		A. D. TO RECOAT IN Overnight
369-NA-16	Trace				Loz.	PVC 37.0%	REMARKS: Reissued to replace S-72 & use 369 base.
						NV by Vol. 41.5%	
						NV by Wt. 64.6%	
						Mill Base 49.4%	
						FORMULATOR J. E. Southwick	
YIELD				100.10	1071.83		

GOODS Spred Lustre - Super White

LABORATORY NO. 1182

CONSISTENCY

COST CLASS. DATE 2/26/63

FOR USE ON K Mfg. at plants #1-2-4-5-8-11-12-14-15-16-17

STRAINER GRIND 6

CUSTOMER Lead Free

MILL Cowles WT. OR BE 10.75

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.B.	TEMP.
Add in order listed:								
V-591				36.0	(273.6)		VISC. RED.	TEMP.
H-218	DISCONTINUED			(0.27)	4.0		VISCOSIMETER	Stormer
W-199				(0.88)	20.0		COLOR	White
H-255	SEE Y-4600-2			(8.72)	300.0		NON VOL.	FLASH PT. 100°F
W-154	SEE Y-4600-2			(5.53)	125.0		MATCH FOR	Y-4600
Disperse to a 6 grind and add:								
CH-185				(0.34)	3.0		REDUCER	S-240
H-333				(0.40)	5.2		ART. FOR BRUSHING	
S-91				0.30	(2.0)		SPRAYING	TUMBLING
Mix 5 min.								
V-891				26.0	(197.6)		DIPPING	DRIP TIME
S-240				20.4	(132.0)		BAKE	TEMP.
VH-534				0.37	(3.00)		AIR DRIES IN	4-5 hrs.
VH-816				0.75	(5.55)		A. D. TO RECDAT IN	Overnight
CH-359				0.14	(1.08)		REMARKS	Reissued to replace
H-443						4-1/2	S-72 & use	369 base.
369-HA-16				Trace		Loz.	Mill Base	50.0%
							NV by Vol.	41.5%
							PVC	37.0%
							NV by Wt.	63.9%
							FORMULATOR	J. E. Southwick
YIELD				100.10	1071.83			

Standard Formula
Not to be taken
from file

[illegible]

GLD059773

COPIES: Spread Lustre - Super White

LABORATORY NO. Tallent Drift

CONSISTENCY: 1-2-4-5-2-11-17

COST CLASS. DATE 6/16/61

FOR USE ON: Fig. at plants #2-8-16-17

STRAINER GRIND 6

LOTION: less than 1% Lead

MILL Pebble WT. OR BE 10.7

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
W-255	130			(8.72)	300.0		VISC. F.B. 72-74 RTMP
U-154				(5.53)	125.0		VISC. RED. T.M.P.
K-100				(.88)	20.0		VISCOSIMETER Stormer
M-333				(.4)	5.2		COLOR SHEEN 60-55°
ES-185				(.34)	3.0		NON VOL. FLASH PT.
W-218) Pre-Mix				(.27)	4.0		BATCH FOR Y-4600
S-72				.21	(1.4)		REDUCER S-240
							ANT. FOR BRUSHING
Y-891 (20 gals. in grind)				62.0	(471)		SPRAYING TIMING
S-240 (18 gals. in grind)				20.4	(132)		DIPPING DRIP TIME
							BAKE TEMP.
VM-534				.37	(3.00)		
VM-816				.75	(5.55)		AIR DRIES IN 4-5 hrs.
CH-359				.14	(1.08)		A. D. TO RECOAT IN O.N.
S-1143						4-1/2 Loz.	REMARKS: Changed to improve gloss and sag.
181-4-6				Trace			ENV by Vol. 41.5
							ENV by Wt. 64.6
							% Mill Base 49.4
							FORMULATOR J.E. Southwick
YIELD				100.01	1071.23		

Standard
Not
To Be
Used
For
File

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT	
		VEHICLE	
			Spico Lubric - Super White
			WARNING NO. 11-62 NPVLA
			(10-9-62)
		PIGMENT	6/16/61
		Titanium Dioxide	58.1%
		Calcium Carbonate	28.9
		Magnesium Silicate	3.0
			100.0%
			No change in analysis
			#1 Dues 6-7-62 ①
			#16-17 6-7-62 ① per
		Painting material less than 5%	Edh
		VEHICLE	Attached card sent to #2-8
		Soye Alkyd Resin	38.5%
		Mineral Spirits & Drier	61.5
			100.0%
			#1 (Prismal Test) 8-8-62 ①
			Plants 4-5-12-14-15 10-2-62 ①
			Per v Capron 11-1-62
			Capto Kasa 10-10-62
			German 2-14-63 ①
			v. 4500

FORMULA RECORD

FORMULA NO.

GOODS

LABORATORY NO.

CONSISTENCY

COST CLASS

DATE

YIELD USE BY

STRAINER

GRIND

CUSTOMER

MILL

WT. OR BE

CODE

ONE GALLON BATCH

LARGE BATCH

IS AGITATOR REQUIRED

NUMBER

PINTS

LBS.

OZS.

GALS.

LBS.

OZS.

VISC. F.B.

TEMP.

VISC. RED.

TEMP.

VISCOSIMETER

COLOR

SHEEN

FLASH PT.

MATCH FOR

REDUCER

ANT. FOR BRUSHING

SPRAYING

TIMING

DIPPING

DRIP TIME

BAKE

TEMP.

AIR DRIES IN

A.O. TO RECOAT IN

REMARKS

FORMULATOR

YIELD

OLD + DISCONTINUED

Y 4600 LINE

Do Not Use

