Z 1800N 480 H PRINTED IN U.S.A. FRONT

# FORMULA RECORD

FORMULA NO. Y-1812-J FILMED

GOODS Endurance House Paint-#720 Cottage Brown

LABORATORY NO.

CONSISTENCY

COST CLASS. DATE 10-13-61

FOR USE ON

STRAINER GRIND

CUSTOMER

MILL WT. OR BE

| CODE NUMBER | ONE GALLON BATCH | | | LARGE BATCH | | | |
|---|---|---|---|---|---|---|---|
| | PINTS | LBS. | OZS. | GALS. | LBS. | OZS. | |
| | | | | | | | IS AGITATOR REQUIRED |
| | | | | | | | VISC. F.B. TEMP. |
| | | | | | | | VISC. RED. TEMP. |
| | | | | | | | VISCOSIMETER |
| | DISCONTINUED | | | | | | COLOR SHEEN |
| | | | | | | | NON VOL. FLASH PT. |
| | USE 85-D-20 | | | | | | MATCH FOR Y-1263 |
| | | | | | | | |
| | | | | | | | REDUCER |
| | | | | | | | AMT. FOR BRUSHING |
| | | | | | | | SPRAYING TUMBLING |
| | | | | | | | DIPPING DRIP TIME |
| | | | | | | | BAKE TEMP. |
| | | | | | | | |
| | | | | | | | AIR DRIES IN |
| | | | | | | | A. D. TO RECOAT IN |
| | | | | | | | REMARKS: |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | FORMULATOR |
| YIELD | | | | | | | |

N12069

| COST | DATE | ANALYSIS | CUSTOMERS |
|---|---|---|---|
| | | PIGMENT % | Oxford-Person-Dress 10-16-61 |
| | | VEHICLE % | Y-Emerald Lite 2-22-62 |
| | | | |
| | | PIGMENT | #2-4-5 3-1-6 |
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GLD059052

GLIDDEN 460-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1812-J(Emergenc

GOODS ENDURANCE HOUSE PAINT - COTTAGE BROWN

LABORATORY NO.

CONSISTENCY

COST CLASS. DATE 10/27/55

FOR USE ON

STRAINER GRIND 6

CUSTOMER

MILL Pebble WT. OR BE 9#

| CODE NUMBER | ONE GALLON BATCH PINTS | LBS. | OZS. | LARGE BATCH GALS. | LBS. | OZS. |
|---|---|---|---|---|---|---|
| YW-37 | | | 13 | | | |
| R-210 | | | 8-1/2 | | | |
| B-7 | | | 3/8 | | | |
| W-180 | | | 5 | | | |
| W-140 | | | 8 | | | |
| W-195 | | | 1 | | | |
| VM-308 | | | 1/2 | | | |
| CH-185 | | | 1/2 | | | |
| V-872 | 1 | | | | | |
| O-5 | 1 | | | | | |
| Grind and add: | | | | | | |
| O-5 | 7/16 | | | | | |
| V-872 | 5-3/8 | | | | | |
| S-43 | 3/16 | | | | | |
| D-75 | | | 1 | | | |
| D-68 | | | 3/8 | | | |
| VM-432 | | | 1 | | | |
| CH-269 | | | 1/8 | | | |
| YIELD | 1.09 | | | | | |

IS AGITATOR REQUIRED

VISC.F.B. 95-105" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR Y-1812 Porcelain

REDUCER S-43

AMT. FOR BRUSHING FB

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6-8 hrs.

A. D. TO RECOAT IN 48 hrs.

REMARKS:

FORMULATOR

OK. PCH 28-9

Standard Formula Not to be taken from File.

GLD059053

| COST | DATE | ANALYSIS | CUSTOMERS |
|---|---|---|---|
| | | PIGMENT % | "Y" Indiesilia Int 11-2-65 |
| | | VEHICLE % | Cuba 11-18-65 |
| | | | Chile 11-28-65 |
| | | | |
| | | PIGMENT | |
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GLD059054

GLIDDEN 488-11 PRINTED IN U.S.A. FRONT

# FORMULA RECORD

FORMULA NO. Y-1812-J

GOODS Endurance House Paint-#720 Cottage Brown

LABORATORY NO.

CONSISTENCY Liquid

COST CLASS 160-200 Mesh

DATE 2/17/54

FOR USE ON

STRAINER Air Strainer

GRIND 6

CUSTOMER

DISCONTINUED 10/13/61 85-D-70

MILL Pebble

WT. OR BE 9#

SEE

| CODE NUMBER | ONE GALLON BATCH PINTS | LBS. | OZS. | LARGE BATCH GALS. | LBS. | OZS. |
|---|---|---|---|---|---|---|
| YW-37 | | | 13 | | | |
| R-210 | | | 8-1/2 | | | |
| B-7 | | | 3/8 | | | |
| W-170 | | | 1-1/2 | | | |
| W-140 | | | 8 | | | |
| W-185 | | | 1 | | | |
| VM-308 | | | 1/2 | | | |
| CH-185 | | | 1/2 | | | |
| | | | | | | |
| V-872 | 1 | | | | | |
| O-5 | 1-7/16 | | | | | |
| | | | | | | |
| V-872 | 5-3/8 | | | | | |
| S-43 | 3/16 | | | | | |
| D-75 | | | 1 | | | |
| D-68 | | | 3/8 | | | |
| VM-432 | | | 1 | | | |
| CH-243 | | | 1/16 | | | |

Standard Formula Not to be taken from File.

Reformulated to improve gloss & leveling

YIELD 1.09 Gal.

Unopacified group

IS AGITATOR REQUIRED

VISC. F.B. 95-105" TEMP. 80°

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR Brown SHEEN Gloss

NON VOL. 7/12.63 FLASH PT.

MATCH FOR Y-1812 Porcelain Panel

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING 8:1 S-42 TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6-8 hrs.

A. D. TO RECOAT IN 48 hrs.

REMARKS:

Add 1 Oz/gal. 67-T-50 if necessary.

FORMULATOR Southwick

28-8-6

GLD059055

| COST | DATE | ANALYSIS | | CUSTOMERS Y-1812-J |
|---|---|---|---|---|
| | | PIGMENT 20.5 | % | Endurance House Paint |
| | | VEHICLE 79.5 | % | #720 Cottage Brown |
| | | 100.0 | % | 2/17/54 |
| | | | | AP "Y" (made Sales List 7-2-5 |
| | | PIGMENT | | Montreal c/o Small (Tor.) 6-11-54 |
| | | Yellow Iron Oxide | 39.55% | Scots (Hengog) (For Cuba) 7-28-5 |
| | | Red Oxide | 25.85 | Chell 11-28-55 |
| | | Lamp Black | 1.14 | |
| | | Titanium Oxide | 4.56 | Perew 3-29-56 |
| | | Lead Oxide | 1.52 | |
| | | Calcium Carbonate | 27.38 | Bradley 5-18-56 |
| | | | 100.00 % | Colquhoun 7-10-56 |
| | | | | Drees 7-15-57 |
| | | | | |
| | | VEHICLE | | ~~[illegible]~~ - ~~[illegible]~~ |
| | | Vehicle | | Disc. - stock depleted per |
| | | Soya Alkyd Resin | 64.6% | Smedley - 6-19-58 |
| | | Mineral Spirits & Drier | 35.4 | |
| | | | 100.0 % | |
| | | | | |
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| | | | | |
| | | Y-1812 | 452 | |

GLD059056

SLIDDEN 440-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

GOODS #720 Cottage Brown Endurance Paint

CONSISTENCY Liquid

FOR USE ON

CUSTOMER

FORMULA NO. Y-1812-H Alt.

LABORATORY NO. For Cleveland O

COST CLASS. DATE 8/21/51

STRAINER GRIND 3-4

MILL Pebble WT. OR BE 12.2

| CODE NUMBER | ONE GALLON BATCH PINTS | LBS. | OZS. | LARGE BATCH GALS. | LBS. | OZS. |
|---|---|---|---|---|---|---|
| YW-37 | | 1 | 4 | | | |
| R-210 | | | 13 | | | |
| W-35 | | | 15-7/8 | | | |
| W-1 | | | 6-1/8 | | | |
| B-7 | | | 1/2 | | | |
| W-10 | | 1 | 8 | | | |
| W-16 | | 1 | 8 | | | |
| W-150 | | 1 | 11 | | | |
| | | | | | | |
| O-1 | 2-3/8 | | | | | |
| O-286 | 2-1/4 | | | | | |
| S-43 | 2-1/8 | | | | | |
| V-112 | 5/8 | | | | | |
| | | | | | | |
| D-10 | 5/8 | | | | | |
| YIELD | | | | | | |

Standard Formula. Not to be taken from File.

IS AGITATOR REQUIRED

VISC. F.B. 75-80 KU TEMP.

VISC. RED. TEMP.

VISCOSIMETER Stormer

COLOR SHEEN

NON VOL. FLASH PT.

MATCH FOR Y-1812 Porcelain Panel

REDUCER

AMT. FOR BRUSHING

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN

A. D. TO RECOAT IN

REMARKS:

FORMULATOR Heidelloff

6-4

GLD059057

| COST | DATE | ANALYSIS | | CUSTOMERS Y-1812-H Alt |
|---|---|---|---|---|
| | | PIGMENT 52.4 % | | Glidden Endurance House Paint |
| | | VEHICLE 47.6 % | | #720 Cottage Brown |
| | | 100.0 % | | |
| | | | | 8/21/51 |
| | | PIGMENT | | |
| | | Iron Oxide | 21.9 % | For Cleveland Only |
| | | Basic Lead Sulphate | 4.7 | |
| | | 10% Leaded Zinc Oxide | 12.1 | Cleveland Only - 10-12-51 |
| | | Carbon | 0.4 | |
| | | Barium Sulphate | 18.4 | |
| | | Silica | 18.4 | |
| | | Magnesium Silicate | 24.1 | |
| | | | 100.0 % | |
| | | VEHICLE | | |
| | | Linseed Oil | 61.7 % | |
| | | * Varnish | 7.7 | |
| | | Mineral Spirits | 23.4 | |
| | | Driers | 7.2 | |
| | | | 100.0 % | |
| | | * Non-Volatile (Treated | | |
| | | Rosin, Tung Oil) | 57.0 % | |
| | | Mineral Spirits | 43.0 | |
| | | | 100.0 % | |
| | | Y-1812 158 | | |

GLD059058

480P 70M 4-41 Printed in U.S.A. L.P.

# FORMULA RECORD

Name of Goods: 720 Cottage Brown End. Paint

Consistency: Liquid

For use on:

Customer:

Formula No. Y-1812-H

Laboratory No.

Cost Class. Date 12/1/49

Strainer: Grind 3-4

Mil Pebble Wt. or Be 12.2#

| Code Number | One Gallon Batch Pints | Lbs. | Ozs. | Large Batch Gals. | Lbs. |
|---|---|---|---|---|---|
| YW-37 | | 1 | 4 | | 100 |
| R-18 | | 1 | | | 80 |
| W-35 | | | 15-7/8 | | 79 |
| W-1 | | | 6-1/8 | | 31 |
| B-7 | | | 3/4 | | 3-3/4 |
| W-10 | | 1 | 8 | | 120 |
| W-16 | | 1 | 8 | | 120 |
| W-181 | | 1 | 8 | | 120 |
| O-1 | 2-3/8 | | | 23-3/4 | |
| O-286 | 2-1/4 | | | 22-1/2 | |
| D-10 | 5/8 | | | 6-1/4 | |
| S-43 | 2-1/8 | | | 21-1/4 | |
| V-112 | 5/8 | | | 6-1/4 | |
| Yield | | | | | |

Is agitator required

Wt. 12.2# Temp.

Viscosity 75-80 Temp KU

Viscosimeter Stormer

Color Sheen

Non Vol. Flash Pt.

Match for Y-1812 porcelain

Panol

Reducer

Amt. for brushing

Spraying Tumbling

Dipping Drip time

Bake Temp.

Air dries in

A. D. to recoat in

Remarks:

Changed to replace W-6 with W-35 and W-1

Standard Formula to be taken from File.

Formulator H. G. H.

GLD059059

| Cost | Date | Analysis | | Customers |
|---|---|---|---|---|
| | | Pigment 52.4 % | | |
| | | Vehicle 47.6 % | | |
| | | | | |
| | | | | |
| | | Pigment | | |
| | | Oxide of Iron | 21.9% | |
| | | Basic Sulfate of Lead | 4.7 | |
| | | 10% Leaded Zinc Oxide | 12.1 | |
| | | Carbon | 0.4 | All plants 12-15-49 |
| | | Barium Sulfate | 18.4 | |
| | | Silica | 18.4 | Perrier-Cottaneo 1-15-5 |
| | | Silicates | 24.1 | Per T. M. S |
| | | | 100.0% | |
| | | | | |
| | | Vehicle | | |
| | | | | |
| | | Linseed Oil 61.7 % | | |
| | | Drier 7.2 | | |
| | | * Varnish 7.7 | | |
| | | Mineral Spirits 23.4 | | |
| | | 100.0 % | | |
| | | | | |
| | | * Non-Volatile ~~XXX~~ (Tung Oil, Limed Rosin) | 56% | |
| | | Volatile (Mineral Spirits) | 44 | |
| | | | 100% | |
| | | | | |
| | | | | |
| | | | | |

GLD059060

No. 0 60M 1-44 PRINTED IN U.S.A. (B)

# FORMULA RECORD

Goods 920 Cottage Brown Enamel Paint — Formula No. Y 1812 G

Consistency Liquid — Date 11-19-45 — Laboratory No.

For Use on — Cost Classification

| Code Number | One Gallon Batch Pints. | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Manufacturing Specificati |
|---|---|---|---|---|---|---|---|---|---|---|
| YW 37 | | 1 | 4 | | | | | 100 | | Grind Coarse B |
| R-18 | | 1 | | | | | | 80 | | Kind of Mill |
| W-6 | | 1 | 6 | | | | | 110 | | Strainer |
| B-9 | | | 3/4 | | | | | 3 | 12 | Weight per Gallon 12.2 # |
| W-10 | | 1 | 8 | | | | | 120 | | Light Baume Temp. |
| W-16 | | 1 | 8 | | | | | 120 | | Heavy Baume Temp. |
| W-181 | | 1 | 8 | | | | | 120 | | Viscosity 75-85 Temp. K |
| | | | | | | | | | | Viscosimeter Gardner |
| O | 2 3/4 | | | | | | 22 3/4 | | | Flash Point |
| D-281 | 2 1/4 | | | | | | 22 1/2 | | | Is Agitator Required |
| D-10 | 5/8 | | | | | | 6 1/4 | | | Remarks Required |
| C-43 | 2 1/4 | | | | | | 21 1/4 | | | |
| [illegible] | 5/8 | | | | | | 6 1/4 | | | |

Standard Formula. Not to be taken from File.

DISCONTINUED

SEE 12/1/49 Plan 3/18/124

Mixture 1 Gal. Pressure Panel

1 7/8 Gal/gal

GLD059061

| Characteristics and Method of Using | Cost Data | | | | Customers |
|---|---|---|---|---|---|
| Type of Goods House Paint | | | | | |
| Color Portland Brown | | | | | |
| Luster Flat | | | | | |
| Match for 1812 | | | | | |
| | | | | | |
| Kind of Reducer | | | | | All plants 11-21-4 |
| Amount of Reduction for | Pigment | | | 33 | 4% |
| Brushing F.B. | Vehicle | | | 47 | 6% |
| Spraying Pressure | | | | 100 | 0% |
| Dipping Drip Time | Pigment Analysis | | | | |
| Flocoing Drip Time | Iron Oxide | | | 21. | 9% |
| Tumbling | Basic Silicate White Lead | | | 5. | 9% |
| Air dry to recoat Overnight | Zinc Oxide | | | 10. | 9% |
| To Sand or Rub | Carbon | | | | 9% |
| Bake Time Temp. | Barium Sulphate | | | 18 | 9% |
| Rub with | Silica | | | 18 | 9% |
| Polish with | Silicate | | | 28 | 1% |
| Schedule | | | | 100 | 0% |
| | Vehicle | | | | |
| | Linseed Oil | | | 61 | 7% |
| | Driers | | | 7 | 7% |
| | Varnish | | | 7 | 7% |
| | Mineral Spirits | | | 23 | 4% |
| | | | | 100 | 0% |

GLD059062

57 20M 3-40 PRINTED IN U.S.A. EWP

# COST DEPARTMENT RECORD

DISCONTINUED

Goods: Cottage Brown Enamel Paint — Formula No. Y-1812-F

Consistency: Liquid — Date 5/12/41 — Laboratory No.

For Use on — Cost Classification

| Code Number | One Gallon Batch | | | Gallon Batch | | | Gallon Batch | | | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|---|---|---|
| | Pints | Lbs. | Ozs. | Gals. | Lbs. | Ozs. | Gals. | Lbs. | Ozs. | |
| O-1 | | | | 65 | | | | | | Grind C |
| D-64 | | | | 5 | | | | | | Kind of Mill |
| Y-121 | | | | 5 | | | | | | Strainer |
| D-10 | | | | 5 | | | | | | Weight per Gallon |
| | | | | | | | | | | Light Baume Temp. |
| YW-37 | | | | | 100 | | | | | Heavy Baume Temp. |
| W-6 | | | | | 110 | | | | | Viscosity Temp. |
| R-18 | | | | | 50 | | | | | Viscosimeter |
| B-106 | | | | | 2 | 8 | | | | Flash Point |
| W-10 | | | | | 280 | | | | | Is Agitator Required |
| W-11 | | | | | 100 | | | | | Remarks |
| | | | | | | | | | | |
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| Yield | | | | | | | | | | |

GLD059063

| Characteristics and Method of Using | | Cost Data | | | | | Customers |
|---|---|---|---|---|---|---|---|
| Type of Goods | | | | | | | |
| Color | | | | | | | |
| Luster | | | | | | | |
| Match for | | | | | | | |
| | | | | | | | |
| Kind of Reducer | | | | | | | |
| Amount of Reduction for | | | | | | | |
| Brushing | | | | | | | |
| Spraying | Pressure | | | | | | |
| Dipping | Drip Time | Analysis | | | | | |
| Flocoing | Drip Time | | | | | | |
| Tumbling | | | | | | | |
| Air dry to recoat | | | | | | | |
| To Sand or Rub | | | | | | | |
| Bake Time | Temp. | | | | | | |
| Rub with | | | | | | | |
| Polish with | | | | | | | |
| Schedule | | | | | | | |
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GLD059064

# FORMULA RECORD

Goods: Cottage Brown Endurance Paint  Formula No. Y 1812 F

Consistency: Liquid  Date 5-12-11  Laboratory No.

For Use on  Cost Classification

| Code Number | One Gallon Batch Pints | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Manufacturing Specification | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 6 1/2 | | | | | | 65 | | | Grind | C |
| 064 | 1/2 | | | | | | 5 | | | Kind of Mill | |
| V121 | 1/2 | | | | | | 5 | | | Strainer | |
| D10 | 1/2 | | | | | | 5 | | | Weight per Gallon | 15.4 |
| | | | | | | | | | | Light Baume | Temp. |
| VW37 | | 1 | 4 | | | | | 100 | | Heavy Baume | Temp. |
| W6 | | 1 | 6 | | | | | 110 | | Viscosity | Temp. |
| K18 | | 1 | | | | | | 80 | | Viscosimeter | |
| B7 | | | 1/2 | | | | | 2 | 8 | Flash Point | |
| W10 | | 3 | 8 | | | | | 280 | | Is Agitator Required | |
| W11 | | 1 | 4 | | | | | 100 | | Remarks | |
| Replaces | formula | | issued | 9-26-39 | | | | | | DISCONTINUED | |
| showing | correct | | analysis. | | | | | | | | |
| Field | | | | | | | | | | JPW | |

GLD059065

| Characteristics and Method of Using | | Cost Data | | Customer's |
|---|---|---|---|---|
| Type of Goods | | | | |
| Color | | | | |
| Luster | | | | |
| Match for | | | | |
| | | | | |
| Kind of Reducer | | | | |
| Amount of Reduction for | | | | |
| Brushing | | | | |
| Spraying | Pressure | | | |
| Dipping | Drip Time | Analysis | | |
| Flooding | Drip Time | | | |
| Tumbling | | | | |
| Air dry to recoat | | | | |
| To Sand or Rub | | | | |
| Bake Time | Temp. | | | |
| Rub with | | | | |
| Polish with | | | | |
| Schedule | | | | |
| | | | | |
| | | | | |
|

FORMULA RECORD

DISCONTINUED

Goods: Cottage Brown Endurance Paint — Formula No. Y1812 F

Consistency: Liquid — Date: 5-12-41 — Laboratory No.

For Use on: — Cost Classification

| Code Number | One Gallon Batch Flats | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|---|---|---|
| O1 | 6½ | | | | | | 65 | | | Grind C |
| O4 | ½ | | | | | | 5 | | | Kind of Mill |
| Y121 | ½ | | | | | | 5 | | | Strainer |
| D10 | ½ | | | | | | 5 | | | Weight per Gallon 13.4 |
| | | | | | | | | | | Light Baume Temp. |
| KW37 | | 1 | 4 | | | | | 100 | | Heavy Baume Temp. |
| W6 | | 1 | 6 | | | | | 110 | | Viscosity Temp. |
| R18 | | 1 | | | | | | 80 | | Viscosimeter |
| B7 | | | ½ | | | | | 2 | 8 | Flash Point |
| W10 | | 3 | 8 | | | | | 280 | | Is Agitator Required |
| W11 | | 1 | 4 | | | | | 100 | | Remarks |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Replace formula issued 4-26-39 | | | | | | | | | | |
| showing correct analysis. | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Yield | | | | | | | | | | JPW |

GLD059067

| Characteristics and Method of Using | Cost Data | | | | Customers |
|---|---|---|---|---|---|
| Type of Goods | | | | | |
| Color | | | | | |
| Luster | | | | | |
| Match for | | | | | |
| | | | | | |
| Kind of Reducer | | | | | |
| Amount of Reduction for | | | | | |
| Brushing | | | | | |
| Spraying Pressure | | | | | |
| Dipping Drip Time | Analysis | | | | |
| Flocoing Drip Time | Pigment | | | 52.5 | |
| Tumbling | Vehicle | | | 47.5 | |
| Air dry to recoat | | | | 100.0 | |
| To Sand or Rub | Pigment | | | | |
| Bake Time Temp. | Iron Oxide | | | | 18.6 |
| Rub with | Zinc Oxide | | | | 9.8 |
| Polish with | Basic Lead Sulphate | | | | 5.2 |
| Schedule | Carbon | | | | .4 |
| | Barium Sulphate | | | | 42.0 |
| | Magnesium Silicate | | | | 23.8 |
| | Vehicle | | | | 100.0 |
| | Linseed Oil | | | | 92.0 |
| | Liquid Drier | | | | 8.0 |
| | | | | | 100.0 |

GLD059068

# FORMULA RECORD

Goods: Cottage Brown End Paint — Formula No. 4152F

Consistency: Refined — Date: 4-26-39 — Laboratory No.

For Use on — Cost Classification

| Code Number | One Gallon Batch Pints | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Gallon Batch Gals. | Lbs. | Ozs. | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 6 1/2 | | | | | | 65 | | | Grind C |
| 064 | 1/2 | | | | | | 5 | | | Kind of Mill |
| V121 | 1/2 | | | | | | 5 | | | Strainer |
| D10 | 1/2 | | | | | | 5 | | | Weight per Gallon 15.4# |
| | | | | | | | | | | Light Baume Temp. |
| 2W37 | | 1 1/4 | | | | | | 100 | | Heavy Baume Temp. |
| W57 | | 7/8 | | | | | | 70 | | Viscosity Temp. |
| W1 | | 1/2 | | | | | | 40 | | Viscosimeter |
| R18 | | 1 | | | | | | 80 | | Flash Point |
| B7 | | | 1/2 | | | | | 2 1/2 | | Is Agitator Required |
| W10 | | 3 1/2 | | | | | | 280 | | Remarks J PW |
| W11 | | 1 1/4 | | | | | | 100 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | See Formula Water Solvent | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Yield | | | | | | | | | | |

GLD059069

| Characteristics and Method of Using | Cost Data | | | | Customers |
|---|---|---|---|---|---|
| Type of Goods | | | | | |
| Color | | | | | |
| Leader | | | | | |
| Finish for | | | | | |
| | | | | | |
| Kind of Reducer | | | | | |
| Amount of Reduction for | | | | | |
| Brushing | | | | | |
| Spraying Pressure | | | | | |
| Dipping Drip Time | Pigment Analysis | | | 52.5 | |
| Flocoing Drip Time | Vehicle | | | 47.5 | |
| Tumbling | | | | | |
| Air dry to recoat | Pigment - Ferric Oxide | | | | 18.8 |
| To Sand or Rub | Zinc Oxide | | | | 9.8 |
| Bake Time Temp. | Prussian Blue | | | | 5.2 |
| Rub with | Carbon | | | | 0.4 |
| Polish with | Barium Sulphate | | | | 42.0 |
| Schedule | Silica & Silicates | | | | 23.8 |
| | | | | | 100.0% |
| | Vehicle - Linseed Oil | | | | 92.0 |
| | Liquid Driers | | | | 4.5 |
| | Mineral Spirits | | | | 3.5 |
| | | | | | |
| | | | | | 100.0% |

GLD059070

COTTAGE BROWN ENDURANCE — FORMULA RECORD

TORONTO

GENERIC

CONSISTENCY

FOR USE ON

CUSTOMER

FORMULA NO.

LABORATORY NO. Y 1812

COST CLASS. DATE 4.9.64

STRAINER GRIND 6

MILL BALL WT. OR BE 11.

IS AGITATOR REQUIRED

VISC. F.B. 90-95" TEMP. 80°F

VISC. RED. TEMP.

VISCOSIMETER #4 KRD FORD CUP

COLOR SHEEN

NON-VOL. FLASH PT.

MATCH FOR

REDUCER

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6-8 HRS.

A. D. TO RECOAT IN O.N.

REMARKS: FOR BETTER COLOR MATCH FORMERLY 85D20

Y1812J(CAN.)

3.26.58

- CANADIAN MEASURE

FORMULATOR J.A.B./J.W./D.W.H.

| CODE NUMBER | 100 GALLON BATCH GALS. | LBS. | OZS. | GALLON BATCH GALS. | LBS. | OZS. |
|---|---|---|---|---|---|---|
| YW 89 | | 110. | | | | |
| R 18 | | 60. | | | | |
| W 180 | | 30. | | | | |
| B 7 | | 1.5 | | | | |
| M 333 | | 5. | | | | |
| CH 185 | | 5. | | | | |
| W 218 | | 5. | ) PREMIX AND INCLUDE | | | |
| S 72 | 0.25 | | ) | | | |
| V 869 | 76. | | | | | |
| O 265 | 12. | | | | | |
| S 43 | 7.58 | | | | | |
| TV 177 | 1. | | | | | |
| VM 430 | 0.06 | | | | | |
| VM 433 | 0.11 | | | | | |
| VM 432 | 1.5 | | | | | |
| 14 C 200 | 0.125 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| YIELD | | | | | | |

GLD059071

| COST | DATE | ANALYSIS | | CUSTOMER'S ID'N |
|---|---|---|---|---|
| | | PIGMENT | % | Southwick - [illegible] |
| | | VEHICLE | % | |
| | | | | [illegible] |
| | | | | [illegible] |
| [illegible] | [illegible] | PIGMENT | | [illegible] |
| [illegible] | | [illegible] | | [illegible] |
| [illegible] | | [illegible] | | [illegible] |
| [illegible] | | [illegible] | | [illegible] |
| [illegible] | | [illegible] | | |
| [illegible] | | [illegible] | | [illegible] |
| [illegible] | | [illegible] | | [illegible] |
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| [illegible] | | [illegible] | | [illegible] |
| [illegible] | | [illegible] | ) | [illegible] |
| [illegible] | | [illegible] | ) [illegible] | |
| [illegible] | | VEHICLE [illegible] | | |
| [illegible] | | [illegible] | | |
| [illegible] | | [illegible] | | [illegible] |
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| | | | | [illegible] |

GLD059072

DISCONTINUED
NUBIAN EXPLICIT

# COST DEPARTMENT RECORD

Classified Formula No. 1312
Laboratory Formula No.
Factory Letter No.
Production No. 93P-169
Cost Classification

Goods: Cottage Brown Std. Paint
Consistency
Date 5-28-42
For Use on
Customer A & P

| Ingredient Code Number | Lab'ty Formula | Large Batch Pounds | Large Batch Gallons | Do not write in these columns For Cost Department Use Only | | | | | | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|---|---|---|
| I-37 | 53-1/8 # | | | | | | | | | Grind. C |
| I-5 | 58-7/16# | | | | | | | | | Kind of Mill Stone |
| I-125 | 30 # | | | | | | | | | Strainer Coarse |
| I-7 | 1-21/64# | | | | | | | | | Weight per Gallon 13.1# Std. |
| I-10 | 161-1/4# | | | | | | | | | Light Baume Temp. |
| I-11 | 53-1/8 # | | | | | | | | | Heavy Baume Temp. |
| 76-I-902 | 76-I-902 | 76-I-915 | | | | | | | | Viscosity Temp. |
| C-1 | 74-17/32 # | | | | | | | | | Viscosimeter |
| C-6A | 2-21/32 # | | | | | | | | | Flash Point |
| I-121 Blend | 2-21/32 # | | | | | | | | | Is Agitator Required |
| I-10 Spec. | 2-21/32 # | | | | | | | | | |
| | | | | | | | | | | Formulator |
| Yield | | | | | | | | | | |

GLD059073

| Characteristics and Method of Using | | Cost Data | | | | | Remarks |
|---|---|---|---|---|---|---|---|
| Type of Goods | | Date | Bulk Cost | | Date | Bulk Cost | |
| Color | | | | | | | |
| Luster | | | | | | | |
| Match for | | | | | | | |
| Kind of Reducer | | | | | | | |
| Amount of Reducer | Brushing | | | | | | |
| | Spraying | | | | | | |
| | Dipping | | | | | | |
| | Flocking | Analysis | | | | | |
| | Tumbling | | | | | | |
| Air dry to recoat | | | | | | | |
| To Sand or Rub | | | | | | | |
| Bake Time | Temp. | | | | | | |
| Rub with | | | | | | | |
| Polish with | | | | | | | |
| Schedule | | | | | | | |

GLD059074

T&C Form 10 Printed in U.S.A.

# FORMULA RECORD

Goods: Cottage Brown Endurance Paint — Formula No.: Y 1812 E

Consistency: — Date: 12/1/92 — Lab. No.:

For Use on: — Cost Classification:

| Code Number | 1 | 5 | ½ Bbl. | Bbl. | 2 Bbl. | | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|
| 0.1 | 65 | gal | | | | | Grind |
| 064 | 3 | 1 | | | | | Kind of Mill |
| 0121 | 6 1/4 | 1 | | | | | Kare per hr. |
| 2.5 | 3 1/4 | 1 | | | | | Strainer |
| | | | | | | | Weight per Gallon 13# 6 ozs |
| Y W 31 | 100# | | | | | | Light Baume Temp. |
| VW-6 | 110# | | | | | | Heavy Baume Temp. |
| R 18 | 85# | | | | | | Viscosity Temp. |
| 0.1 | 3 1/2# | | | | | | Make of Viscosimeter |
| W-10 | 280# | | | | | | Flash Point |
| W-11 | 100# | | | | | | Is Agitator Package Required |
| | | | | | | | Remarks |
| | | | | Discontinued | | | |
| | | | | | | Y 1812 E | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Yield | | | | | | | |

GLD059075

Pigment 53%
Vehicle 47%
100%

Pigment -

| | |
|---|---|
| Iron Oxide (Fe-203) | 21% |
| 35% Leaded Zinc Oxide | 16% |
| Barium Sulphate | 41% |
| Silica & Silicates | 21.5% |
| Lamp Black | .5% |
| | 100.0% |

Vehicle -

| | |
|---|---|
| Linseed oil | 92% |
| Liquid Drier | 5% |
| Mineral Spirits | 3% |
| | 100% |

Steel Packs 5's
Round Cans 1's - 1/2's - 1/4's
Endurance Paint Prepared Special Filled

A 100 5 Inc 11-30 Printed in U. S. A.

# FORMULA RECORD

Goods: Endurance Paint Cottage Brown — Formula No. Y 1812 D

Consistency — Date 11/18/32 — Old No.

For Use on — Cost Classification

| Code Number | 1 | 5 | ½ Bbl. | Bbl. | 2 Bbl. | | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|
| 05 | 10 | gal | 10 | gal | | | Grind: Good C |
| 04 | 18 | " | | " | | | Kind of Mill: Stone |
| 01 | 40 | " | 58 | " | | | Rate per hr. |
| 063 | 5 | " | 5 | " | | | Strainer |
| D 10 | 3½ | " | 3½ | " | | | Weight per Gallon: 13¼ # |
| X V 715 | 2 | " | 2 | " | | | Light Baume — Temp. |
| 67 T 9 | 2 | " | 2 | " | | | Heavy Baume — Temp. |
| | | | | | | | Viscosity — Temp. |
| Y W 37 | 100 # | | | | | | Make of Viscosimeter |
| W 6 | 100 # | | | | | | Flash Point |
| R 18 | 85 # | | | | | | Is Agitator Package Required |
| B 7 | 2½ # | | | | | | Remarks |
| W 10 | 280 # | | | | | | 1st Grade Paint |
| W 11 | 100 # | | | | | | |
| X Note - Add V 715 only if needed for body. | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Yield | | | | | | | |

GLD059077

Analyses

| | |
|---|---|
| Pigment | 52.5% |
| Vehicle | 47.5 |
| | 100.0% |

Pigment

| | |
|---|---|
| Ferric Oxide | 18.8% |
| Zinc Oxide | 9.8 |
| Basic Lead Sulphate | 5.2 |
| Carbon | 0.4 |
| Barium Sulphate | 42.0 |
| Silicate & Silicates | 23.8 |
| | 100.0% |

Vehicle:-

| | |
|---|---|
| Linseed Oil | 92.0% |
| Liquid Drier | 4.5 |
| Mineral Spirits | 2.0 |
| Moisture | 1.5 |
| | 100.0% |

Steel Pails 5's
Round Cans 1's - 1/2's - 1/4's
"Endurance Paint - Prepaid" Special Label

GLD059078

# FORMULA RECORD

Goods: COTTAGE BROWN END PAINT  Formula: 4/1812 U

Consistency:  Date: 2-6-  Old No.:

For Use on:  Classification No.:

| Material | Code | 1 | 5 | Bbl. | | | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|
| RAW OIL | 01 | | | 85 | gal | | Grind |
| B Japan | D5 | | | 5 | " | | Kind of Mill |
| Big Bl Oil | 063 | | | 10 | " | | Rate per hr. |
| | | | | | | | Wt. per gal. Baume |
| Oxide | JW10 | | | 480 | " | | Strainer Viscosity |
| Lead Jnc | W6 | | | 120 | " | | Flash Point |
| Vet Vm Red | R16 | | | 200 | " | | Testing Requirements |
| Silica | W16 | | | 75 | " | | Reduce with |
| Pulp | W11 | | | 75 | " | | Amount |
| Long Oil | B7 | | | 2½ | " | | Apply by |
| | | | | | | | Surface |
| | | | | | | | Drying time |
| | | | | | | | Baking time |
| | | | | | | | Match for |
| | | | | | | | Std. Yield |

GLD059079

| Parallel Shades | CUSTOMERS |
| --- | --- |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Analysis | |
| | |
| | |
| | |
| | |
| | |
| | |
|

A-00 2 Rev 11-61 Printed in U.S.A.

# FORMULA RECORD

Goods: Glidden Exclusive Blended Paint Formula No. 4-1812-C

Consistency: Coarse Brown Date: 12/8/80 Old No.

For Use on: Cost Classification:

| Code Number | 1 | 5 | ½ Bbl. | Bbl. | 2 Bbl. | | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|
| O-1 | 7 1/4 | pints | | 36 1/4 | 72 1/2 | | Grind "C" |
| O-10 | 3/8 | " | | 1 7/8 | 3 3/4 | | Kind of Mill |
| O-63 | 3/8 | " | | 1 7/8 | 3 3/4 | | Rate per hr. |
| | | | | | | | Strainer |
| Yw-10 | 4 # | | | 160 | # 320 | | Weight per Gallon 12 1/2 # |
| Yw-6 | 1 # | | | 40 | 80 | | Light Baume Temp. |
| R-16 | 1 1/2 # | | | 60 | 120 | | Heavy Baume Temp. |
| W-16 | 1 1/2 # | | | 60 | 120 | | Viscosity Temp. |
| W-11 | 1 # | | | 40 | 80 | | Make of Viscosimeter |
| | | | | | | | Flash Point |
| | | | | | | | Is Agitator Package Required |
| | | | | | | | Remarks |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Yield | | | | | | | |

GLD059081

Pomace 60.0%
Olives 40.0%
100.0%

Pomace

French Yellow Ochre 21.0%
Basic Lead Sulphate 7.5%
Zinc Oxide 3.8%
Silica (Silicate) 67.7%
100.0%

Olives

Pure Refined Oil 87.5%
Basic Lead Oil 8.0%
Refined Olives 4.5%
100.0%

Business Card Proposed Special Label

Pomace Oil 1/2 gal 1/2 gal

GLD059082

# FORMULA RECORD

Goods: Glidden Endurance Prepared Paint — Formula No. Y-1812-B

Consistency: Cottage Brown — Date 11-10-26. Old No.

For Use on — Cost Classification

| 1 | 5 | ½ Bbl | Bbl. | 2 Bbl | Code No. | Per cent | Manufacturing Specifications |
|---|---|---|---|---|---|---|---|
| 91 | gal. | Raw Linseed Oil | | | O-1 | | Grind |
| 9 | " | Kingsley Drier | | | D-10 | | Kind of Mill |
| 400 | lbs. | French Ochre | | | YW-10 | | Rate per hr. |
| 100 | " | Off Color Sunolith | | | W-56 | | Strainer |
| 150 | " | Victoria Venetian Red | | | R-18 | | Weight per Gallon |
| 150 | " | Silica | | | W-18 | | Light Baume Temp. |
| 100 | " | Pulp | | | W-11 | | Heavy Baume Temp. |
| 8 1/8 | " | Lampblack in Oil | | | | | Viscosity Temp |
| 15 1/8 | " | Red Oxide in Oil | | | | | Make of Viscosimeter |
| | | | | | | | Flash Point |
| | | | | | | | Is Agitator Package Required |
| | | | | | | | Remarks |

GLD059083

| | |
|---|---|
| Pigment | 53.8% |
| Liquid | 46.2 |
| | 100.0% |

Copy to Bruce 3-10

Pigment:

| | |
|---|---|
| French Ochre | 44.1% |
| Lithopone | 10.9 |
| Red Oxide | 17.5 |
| Silica & Silicates | 27.3 |
| Carbon | .2 |
| | 100.0% |

Liquid:

| | |
|---|---|
| ~~Vegetable~~ Oil | 92% |
| Liquid Drier | 8 |
| | 100% |

~~Weight per gal. 12.3 lbs.~~

~~Steel Pails 5s.~~

~~Round Cans 1s, 1/2s, 1/4s.~~

~~"Endurance Paint - Prepared" Special Label~~

GLD059084