

Listed below are formulas for making Solvent-Based or Water-Based Pigmented Wiping Stains using our Solvent-Based U-T-C- Colorants or HYDROCOTE® Tinting Colors, respectively, and the correct vehicle.

**Formulas Basis: Quart  
(Ounces given below are in fluid ounces)**

**LIGHT OAK**

6 ounces Raw Sienna  
2 ounces Burnt Umber  
24 ounces Vehicle\*

**GOLDEN OAK**

5 ounces Raw Sienna  
3 ounces Burnt Umber  
24 ounces Vehicle\*

**ANTIQUE OAK**

6 ounces Raw Sienna  
1-1/2 ounces Burnt Umber  
1/2 ounce Lamp Black  
24 ounces Vehicle\*

**DARK OAK**

4 ounces Raw Sienna  
2 ounces Burnt Umber  
2 ounce Burnt Sienna  
24 ounces Vehicle\*

**MISSION OAK**

4 ounces Raw Sienna  
4 ounces Burnt Umber  
24 ounces Vehicle\*

**FRUITWOOD**

6 ounces Burnt Umber  
2 ounces Raw Sienna  
24 ounces Vehicle\*

**LIGHT WALNUT**

4 ounces Burnt Umber  
3 ounces Van Dyke Brown  
1 ounce Raw Sienna  
24 ounces Vehicle\*

**WALNUT**

4 ounces Burnt Umber  
4 ounces Van Dyke Brown  
24 ounces Vehicle\*

**DARK WALNUT**

8 ounces Van Dyke Brown  
24 ounces Vehicle\*

**EXTRA DARK WALNUT**

7-1/2 ounces Van Dyke Brown  
1/2 ounces Lamp Black  
24 ounces Vehicle\*

**MED BROWN WALNUT**

8 ounces Burnt Umber  
24 ounces Vehicle\*

**RED MAHOGANY**

7-1/2 ounces Burnt Sienna  
1/2 ounce Organic Red  
24 ounces Vehicle\*

**BROWN (DK) MAHOGANY**

7-1/2 ounces Van Dyke Brown  
1/2 ounces Organic Red  
24 ounces Vehicle\*

**LIGHT CHERRY**

2 ounces Raw Sienna  
6 ounces Burnt Sienna  
24 ounces Vehicle\*

**CHERRY**

8 ounces Burnt Sienna  
24 ounces Vehicle\*

**MAPLE**

7 ounces Burnt Sienna  
1 ounce Phthalo Blue  
24 ounces Vehicle\*

**YELLOW MAPLE**

6 ounces Yellow Ochre  
1 ounce Phthalo Blue  
1 ounce Burnt Sienna  
24 ounces Vehicle\*

**HONEY BROWN MAPLE**

6 ounces Burnt Sienna  
2 ounces Phthalo Blue  
24 ounces Vehicle\*

**PUMPKIN BROWN MAPLE**

7 ounces Burnt Sienna  
1/2 ounce Phthalo Blue  
1/2 ounce Burnt Umber  
24 ounces Vehicle\*

**SILVER GRAY**

6 ounces Flake White  
2 ounces Lamp Black  
24 ounces Vehicle\*

**EBONY**

4-6 ounces Lamp Black  
24-28 ounces Vehicle\*

**WHITE PICKLING**

4 ounces Flake White  
24 ounces Vehicle\*

**WHITE WASH**

2 ounces Flake White  
24 ounces Vehicle\*

**WHITE STAIN**

8 ounces Flake White  
24 ounces Vehicle\*

*\*See reverse side for properly formulating a vehicle*

### How To Mix Pigmented Stains

Secure an empty, clean container, (plastic, metal or glass) and fill it with 16 ounces of vehicle (1 pint). Add the colorant(s) slowly to the vehicle while stirring. Add balance of vehicle (8 ounces) to make a quart. Check the stain on a small piece of scrap wood to see if the color is satisfactory. Adjust with colorants or vehicle as necessary. Colors will vary depending on type of wood used.

### How To Prepare A Stain Vehicle

#### Solvent-Based

Basis: 24 Ounces

- 20 ounces solvent  
(Mineral Spirits, Paint Thinner or Turpentine)
- 4 ounces Linseed Oil (Raw or Boiled)

To speed up drying time, reduce the amount of Linseed Oil or substitute part of the solvent with Xylol.

**NOTE: Xylol is highly flammable.**

To slow down drying time, increase Linseed Oil.

#### Water-Based

Basis: 24 Ounces

- 12 ounces Clear Stain Base
- 12 ounces HYDROCOTE® Stain Reducer

To speed up drying time, increase the amount of Clear Stain Base.

To slow down drying time, increase Stain Reducer.

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# ***"Do It Yourself"***

## **Pigmented Wiping Stains**

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### **Solvent or Water-Based**

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### **Starting Formulations**

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Hood Finishing Products, Inc.  
and  
HYDROCOTE® Co., Inc.