

### Step 1: Prepare fabric

Only if necessary: scour the fabric by machine washing for 15 minutes:

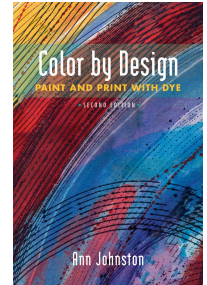
Hot water 140° F (60° C)  
Soda ash 1/2 tsp (2.5 ml) per 1 lb (455 g) fabric  
Synthrapol SP 1/2 tsp (2.5 ml) per 1 lb (455 g) fabric

Soak dry fabric in soda solution until it is thoroughly wet—5 to 20 minutes.

Warm 1 gallon (3.8 liters)  
Soda ash 9 Tbs (135 ml)



[Video Course](#)



[Book](#)

### Step 2: Prepare print paste

Stir continuously while adding dry ingredients.

#### Short Cut using prepared MIX:

Add 5 ½ TBS (80 ml) Print Paste Mix SH to one cup (240 ml) warm water.  
EXTRA THICK print paste: use 1-2 TBS more prepared MIX per cup of water

#### OR mix from scratch

adding ingredients in following order

Warm water 3 cups (720 ml)  
Granular urea 6-1/2 Tbs (98 ml)  
Metaphos 1-1/2 tsp (7.5 ml)  
Sodium alginate SH 6 tsp (30 ml)  
Water To make a total of 1 quart (960 ml)

**EXTRA THICK** print paste from scratch: use 2-4 tsp additional Sodium alginate SH

### Step 3: Prepare the urea water.

Use to make lighter THIN colors and thinner print paste.

**THINNED** print paste, add urea water as needed. Equal parts works well.

Warm water 1 cup (240 ml)  
Granular urea 7 tsp (35 ml)

### Step 4: Prepare dye concentrates.

Use warm water, not over 95°F (35° C)

Warm water 1 cup (240 ml)  
Urea 2 Tbs to 4 Tbs (15 ml to 30 ml)  
Dye powder 2 Tbs (15 ml)

#### **Step 5: Prepare colors**

Prepare colors by combining dye concentrate with print paste and/or urea water. Equal parts make a dark value. Use less dye concentrate for lighter colors and more for very dark colors.

#### **Step 6: Apply the colors**

Apply to soda-soaked fabric. Use any surface design technique you choose

#### **Step 7: Cure the dye.**

Open or covered, flat or rolled, be sure to maintain a small amount of moisture.

Time	4 to 8 hours
Temperature	70° F to 110° F (21° C to 43° C)
Moisture	Almost dry to the touch or very wet

#### **Step 8: Wash out excess dye.**

Wash in warm water and Synthrapol. **Final wash hot: 140° F (60° C).**

Hand wash	1 tsp (5 ml)
Machine wash	1 Tbs to 4 Tbs (15 ml to 60 ml)

**Test for wash fastness** by ironing washed fabric (while it is still wet) on clean white cotton.