



# Direct Application on Nylon and Acetate Rayon using PROperse Disperse Dyes

Please read directions carefully before starting.

*Use PROperse Disperse dyes to paint, stencil or screen print on nylon and acetate rayon. Always do a test sample before working on a large project. Please Note: These dyes have the potential to stain any sink that is not made of stainless steel or fireclay ceramic. For additional information visit our web site at [www.prochemicalanddye.com](http://www.prochemicalanddye.com).*

- ✘ Wear rubber gloves, apron, or old clothes.
- ✘ Utensils used for dyeing should never be used for food preparation.

### Supplies

PROperse Disperse Dye  
Metaphos  
PRO Thick F  
Ludigol (formerly known as PRO Chem Flakes)  
Synthrapol  
PRO Dye Activator or Soda Ash

### Procedure

**1. Scour the fabric** by machine washing in HOT 140°F (60°C) water, or by hand in a pot on the stove with ½ tsp (2 gm) PRO Dye Activator or Soda Ash and ½ tsp (2.5 ml) Synthrapol per pound of fabric (454 gm, or 3 to 4 yards of muslin weight fabric). Rinse thoroughly. This step does not add the dye fixative to the fabric; it prepares your fabric for dyeing by removing any dirt, oil or sizing.

#### 1 cup Thickened Dye Paint for Nylon

	Pale	Medium	Dark	Black
Dye Powder	1 tsp (2.5 gm)	2 tsp (5 gm)	3 tsp (7.5 gm)	5 tsp (12.5 gm)
PRO Thick F	2-3 tsp (5.2-7.8 gm)	2-3 tsp (5.2-7.8 gm)	2-3 tsp (5.2-7.8 gm)	2-3 tsp (5.2-7.8 gm)
Synthrapol	½ tsp (2.5 ml)	½ tsp (2.5 ml)	½ tsp (2.5 ml)	½ tsp (2.5 ml)
Ludigol	For Deep Shades Only	For Deep Shades Only	¼ tsp (0.5 gm)	¼ tsp (0.5 gm)
Metaphos	½ - ¾ tsp (3.5 -5 gm)	½ - ¾ tsp (3.5 -5 gm)	½ - ¾ tsp (3.5 -5 gm)	½ - ¾ tsp (3.5 -5 gm)
Water	To make 1 cup (250 ml)	To make 1cup (250 ml)	To make 1 cup (250 ml)	To make 1 cup (250 ml)

**2. Dissolve the dye.** Measure the desired amount of dye powder, from the chart above. Dissolve dye into ¾ cup (188 ml) 80°F to 90°F (27° to 32°C) water.

**3. Make the dye paint.** Add Synthrapol, PRO Chem Flakes and Metaphos. Stir until dissolved. While rapidly stirring, sprinkle up to 3 teaspoons (7.8 gm) PRO Thick F into the dye paint. Add water to make 1 cup (250 ml). Stir intermittently, until a smooth paste is obtained, approximately 1 hour. Dye paint should be kept in closed container.

**4. Paint, print, or silk screen** onto the fabric.

**5. Air dry** after printing or painting.

**6. Steam** for 30 minutes at 212°F (100°C).

**7. Rinse well** in warm 105°F to 110°F (41° to 43°C) water and dry.