PRO™ CHEMICAL & DYE
126 Shove Street Fall River, MA 02724
1-800-228-9393 www.prochemicalanddye.com

Immersion Dyeing
using Sabraset Dyes

Please read directions carefully before starting.

This unique Sabraset range of dyes for silk, wool and nylon is made up of very intense 1:2 metal complex and reactive dyes of extremely high wash fastness and good to excellent light fastness. In addition, sparkling shades make these an excellent choice for the craftsman who requires the utmost in permanent colors. These directions are based on dyeing one pound (454 gm) of fiber, just increase or decrease the amounts proportionately. Always do test samples before working on a large project. For additional information visit our website at ***www.prochemicalanddye.com***

Supplies

Sabraset dye
Synthrapol
Salt
Citric Acid Crystals or white distilled vinegar
Sodium Acetate Crystals

Procedure

1. Wet out the fiber by measuring ½ tsp (2.5 ml) Synthrapol in 2½ gallons (10 liters) of warm 110°F (44°C) water, for each pound (454 gm) of fiber. Soak for at least 30 minutes. This penetrates the oils.

2. Dissolve the dye. Measure the desired amount of dye powder, from the chart below, into a 2 cup (500 ml) Pyrex container. Dissolve the dye powder with 1 cup (250 ml) of boiling water for pale and medium shades; use 2 cups (500 ml) of boiling water to dissolve dark shades and black. Stir thoroughly and set aside to cool while making the dye bath.

	Pale	Medium	Dark	Black
Dye Powder	½ tsp (1 gm)	1¾ tsp (4.5 gm)	3½ tsp (9 gm)	10 tsp (25 gm)

3. Make the dye bath by pouring 3½ gallons (14 liters) of room temperature 75° to 95°F (24° to 35°C) water into a stainless steel or unchipped enamel pot. The pot should be large enough to allow the fiber to move freely without spilling the dye bath. Add the following items, stirring thoroughly after the addition of each one.

- Dissolved dye from Step #2
- 1 Tbl (18 gm) Citric Acid Crystals
  - **or** 11 Tbl (165 ml) white distilled vinegar
- 4 tsp (18 gm) Sodium Acetate Crystals
- 5 tsp (34 gm) salt

NOTE: Leftover dissolved dye can be stored for a minimum of 6 months.

4. Add the fiber. Squeeze out the excess water from your fiber and add it to the dye bath. Stir gently for 3 to 5 minutes to uniformly distribute the dye. Gradually raise the temperature to a boil, over a 40 to 45 minute period. Stir fiber every 2 to 3 minutes, while raising the dyeing temperature. Stir intermittently for 60 minutes. If you are dyeing silk, raise the temperature only to 185°F (85°C) and maintain this temperature for the 60 minutes. Do not go above 185°F (85°C) or you may damage the silk.

5. Rinse the fiber. Allow the dye bath to cool to room temperature. Then remove the fiber and rinse it well in warm water. Squeeze out the excess water and air dry.