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Dyeing Chrome-Tanned Leather using PRO MX Reactive Dyes

Please read directions carefully before starting.

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

Supplies

PRO MX Dye Powder
Calsolene Oil or Synthrapol SP
56% Acetic Acid or 5% white distilled vinegar

PRO Dye Activator or Soda Ash
common salt
clear household ammonia

Procedure

- 1. Wet out 1 pound (450 gm) of leather** for 60 minutes, in the following solution:
 - 1 1/4 gallons (5 liters) of water at 120°F(49°C)
 - 2 tsp (10 ml) Calsolene Oil
 - 3/4 cup (188 ml) clear household ammonia
- 2. Agitate the leather frequently.** Then rinse well in warm water.
- 3. Prepare dye bath** using:
 - 1 1/4 gallons (5 liters) water 120°F(49°C)
 - up to 8% OWG PRO MX Reactive Dye
 - 8% by volume of common salt (10 oz salt per gallon (4 liters) water)
- 4. Work leather for 30 minutes** maintaining temperature of 120°F(49°C) and add:
PRO Dye Activator or Soda Ash (equal to 25% of the weight of the dye)
- 5. Work leather for an additional 60 minutes** at 120°F(49°C). Drain dye bath and rinse well in warm water. If color is not deep enough, re-dye using 1/2 the amount of dye used the first time. This will result in a darker shade than using the total amount of dye in the first bath.
- 6. After thoroughly rinsing the leather,** acidify it using:
 - 1 gallon (4 liters) room temperature water
 - 3 oz (86 ml) Acetic Acid 56% (or 1 quart (1 liter) of 5% vinegar)
- 7. Rinse in warm water,** extract and air dry.