

# Useful Information

## Shelf life

The length of a products shelf life depends partly on atmospheric conditions. Store dye powders and auxiliary chemicals at room temperature and out of direct light. For longest shelf life, store mixed dyes in glass jars instead of plastic ones. Use this table as a guide. Test old, out of date, dyes before using them on a project. Date your dye jars when you receive an order; this way you will always know how fresh your dyes are.

Product	powder	dissolved dye
PRO MX Reactive Dye <i>DYE IT!</i>	2 years	without fixative, 4 - 5 days
Sabracron F Reactive Dye	2 years	without fixative, 2 weeks
Liquid Reactive Dye	---	without fixative, 1 year
PRO H Reactive Dye	2 years	without fixative, 4 months
One Shot <i>Color It!</i> by G&K Craft	use it as long as it can be dissolved	2 weeks
WashFast Acid Dye (also known as Nylomine Dyes)	use it as long as it can be dissolved	6 months (WF 351 will thicken over time, heat it to dissolve before measuring.)
Sabreset Dye	use it as long as it can be dissolved	6 months
PROperse Disperse Dye	use it as long as it can be dissolved	2 to 3 years Shake well before using.
Diazol Direct Dye	use it as long as it can be dissolved	2 to 3 years
Indigo	use it as long as it can be dissolved	Should be used immediately, do not store dye solution
Vat Dyes	use it as long as it can be dissolved	6 months Shake well before using.

Product	Shelf Life
All paints: PROfab Textile Paint, Color Concentrates, Setacolor, Setasilk, Marbling, and Liquid Decorator	These products have an indefinite shelf life as long as they are kept air tight with the cover firmly tightened <u>and</u> have not been frozen.

### The Perfect Scour

Fabric that is labeled PFP or PFD (prepared for printing or dyeing) does not have a finish applied. It does not mean it is washed. Washing, or as we call it scouring, is an insurance policy. It is to insure your fabric is free of grease, dirt, or water spots that are responsible for spotty dyeing and only appear after dyeing is complete.

For the perfect scour, machine wash your fabric on the HOT cycle, with a minimum temperature of 140°F (60°C). You can also do it by hand in a pot on the stove. Use ½ tsp (2 gm) PRO Dye Activator (or soda ash) and ½ tsp (2.5 ml) Synthrapol per pound (454 gm) of fabric and rinse thoroughly. Fabric is ready for dyeing and can go right into a dye bath or can be dried and used at a later date.

## English & Metric Conversions

tsp = teaspoon  
Tbl = tablespoon  
gm = gram  
ml = milliliter  
L = liter  
kg = kilogram  
1 tsp = 5 ml  
1 Tbl = 15 ml  
1 cup = 16 Tbl  
1 ounce = 29.5 ml  
1 ounce = 28.5 gm  
1 pound = 454 gm  
1 cup = 236 ml (approximately 250 ml)  
1 pint = 474 ml (approximately 500 ml)  
1 quart = 946 ml (approximately 1 L)  
1 gallon = 3,784 ml (approximately 4 L)  
1 inch = 2.54 centimeters  
0.39 inch = 1 centimeter  
1 yard = 0.91 meter  
39 inches = 1 meter

### Fahrenheit versus Celsius

**F to C** Subtract 32 from the Fahrenheit temperature, then divide by 1.8.  
For example, 105°F-32=73; 73÷1.8=40°C.

**C to F** Multiply the Celsius amount by 1.8, then add 32.  
For example, 35°Cx1.8=63; 63+32=95°F.

### Grey Advice

Our PRO MX Fiber Reactive (Procion) blacks all produce different shades of grey, when doing a standard immersion dye bath (not low water immersion, which can cause them to split into their component colors).

Here is our "grey list".

PRO Black 602A is greenish

PRO Black 604 is reddish

PRO Black 608 is bluish

PRO Black 609 is a slight bluish neutral

PRO Black 610 is olive \*

\* For best results, dye at 125°F (52°C)