Welcome to PRO Chemical & Dye!

We’d like to thank you for your interest in our company and hope you find our catalog helpful and informative. We have more than 45 years of experience in the mail order business and believe our success comes from putting you, our customer, first. The objectives of PRO Chemical & Dye reflect founders Adelle and Don Wiener’s professional interests, their desire to encourage creativity and exploration of textile design, and to educate. PRO Chemical & Dye’s mission can be summarized in three words; Quality, Education, and Service.

We welcome your suggestions. If you’re pleased with what we offer, we’d love to hear about it. But more important, if we have disappointed you in any way, or have ideas about how we can improve our products or service, please let us know. You can reach a Customer Service Representative at 508-676-3838 or email us at promail@prochemical.com.

We invite you to visit our website: www.prochemicalanddye.com
You will find lots of information. Check out our Monthly Specials!!!

The information contained herein is, to the best of our knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. There is no implied warranty of merchantability or fitness for purpose of the product/products described herein. The observance of all legal regulations and patents is the responsibility of the user. The dyes and chemicals listed herein are warranted fresh. All products with a scheduled shelf life are packaged to order. You are guaranteed fresh supplies whether you order 2 ounces or a full 110 pound drum.

Our repackaging division packages for resale under Private and Industry labels. Call for quotes on orders requiring industrial quantities.

Our answering machine at (508) 676-3838 is open 24 hours a day, seven days a week. In case we are out, just leave your name, number and message on our answering machine. We will get back to you as soon as possible. Orders are usually shipped within one to three working days.

Thank You!
The PRO Chemical & Dye Family!

Revised: February 21, 2020
## Product and Use Chart

<table>
<thead>
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<th>Fiber to dye:</th>
<th>Products you can use:</th>
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</table>
| cotton, linen, viscose rayon, silk, Tencel, bamboo or any other plant fiber | PRO MX Reactive Dye page 3-5  
Sabracron F Reactive Dye page 6  
Vat Dye page 11  
Indigo page 12 |
| wool, silk, angora, mohair, nylon, soy silk or any other animal or protein fiber | WashFast Acid Dye page 8  
(also known as Nylomite Dyes)  
PRO One Shot page 10  
Sabracet Dye page 10  
Color It! by G&K Craft page 15  
Indigo page 12 |
| polyester, nylon, acrylic, acetate rayon and ingeo (corn fiber) | PRODisperse Disperse Dye page 11  
Transperse Transfer Printing Dyes page 11 |
| all fabrics | PROfab Textile Paints pages 18-19  
Color Concentrates page 18  
PRO Silk & Fabric Paints page 19  
Pebeo Setacolor page 20  
Pebeo Setasilk page 22  
Setaskrib Plus Opaque Markers page 22  
Fabrique Fabric Markers page 22  
Marbling Colors page 23 |
| Upholstered furniture | Fabric must be able to be removed in order to be dyed |
| Wedding gowns | Often a mixture of fibers - not recommended |

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1-800-2-BUY-DYE (800-228-9393)

Orders and order status inquiries—
Monday-Friday 8:30AM - 5PM (Eastern Time)

For technical assistance, call 1-508-676-3838 or
Email: labsupport@prochemical.com

Fax: 1-508-676-3980

General email: promail@prochemical.com

COVER IMAGE: Shibori and Pre-reduced Indigo
Lab & Tech Services
We staff a fully equipped textile laboratory and offer the following services. Please contact us regarding any information or services which are not listed below.

General Technical Assistance
If you have questions about product use or are experiencing problems please contact us. We attend to each inquiry as quickly and detailed as possible on a first come first serve basis, with never a service charge. Reach us by phone at 1-508-676-3838 Monday through Friday 8:30am - 5:00pm (Eastern Time), via fax at 1-508-676-3980 24 hours a day, or via email at: labsupport@prochemical.com

Color Matching
Let us share our color library with you. We’ll happily suggest a starting formula at no charge. You must send us a color swatch to match. It can be on fabric or paper and is very important that you include the fabric type you are dying. Our PRO MX shade library is dyed primarily on cotton.
If you need an exact color match, we can do that also. We must have a sample of your desired color and the cloth that you are planning to dye, in order to complete the actual color matching in the lab. We charge for this service and the matched color must be purchased in 5 pound quantities or larger. Please call for further details.

Lectures and Workshops
Our Technical Staff is available to speak for industrial, scholastic and non-profit groups. Lecture and workshop fees vary, depending upon the type of group, length and content. We offer a wide range of topics to meet the interests of your group. Some topics include, but are not limited to: dye chemistry and specific techniques on dyeing and painting, immersion dyeing with PRO MX Reactive Dye and WashFast Acid Dye, Dye Painting, and Indigo Dyeing. Additional topics can be discussed on request.

Manuscripts
Let our technical staff proof read your manuscripts for technical information and review your video or script for technical accuracy.

For technical assistance call 1-508-676-3838 or e-mail us at labsupport@prochemical.com

Visiting Artist Workshops
Register Early To Avoid Disappointment
Decisions need to be made two months prior to the scheduled dates
Our workshops are held in Fall River, Massachusetts, at our facility which is air-conditioned.

For quick registration, visit us online at: www.prochemicalanddye.com OR call us at 1-800-2-BUY-DYE

For more details, please email workshops@prochemical.com

2020 Visiting Artist Workshops
April 23-24   Vicki Jensen   Getting Started with MX Dyes
May 11-15   Carol Soderlund   Color Mixing for Dyers
May 18-22   Carol Soderlund   Layers Upon Layers
June 10-12   Susan Brubaker Knapp   Wholecloth Painting from Original Photos
July 13-17   Kerr Grabiowski Deconstructing Nature
August 5-7   Sarah Ann Smith   Exploring Paint on Cloth
August 10-14  Carol Anne Grotrian   Indigo Shibori: Beyond Blue
August 17-21  Jane Dunnewold Large-format Botanical Printing
August 24-28  Cheryl Rogers-Tadevich   Batik using MX Dyes and Indigo
September 14-18  Betty Busby   Resist!
September 21-22  Jorie Johnson   Felted Jewelry
September 23-25  Jorie Johnson   Felted Hats/Barretes
October 5-9   Pat Pauly   Go Big, Go Bold: Prints Galore
October 19-21  Lisa Walton   Permission to Play
October 22-23  Vicki Jensen   Get Started Dyeing Wool and Animal Fibers

Visit our web site at www.prochemicalanddye.com for further information on these workshops.
PRO MX Reactive Dye
(for cotton, silk, rayon, linen, bamboo & Tencel)

Easy, versatile, permanent, and the most popular of all our dyes, PRO MX Reactive Dyes (Procion) dye cellulose fibers — plant-based fibers such as cotton, linen, ramie, hemp, viscose rayon, jute, paper, wood, basket reed, and even silk — at room temperature, 75 to 95°F (24 to 35°C).

With a different procedure, these dyes also work on protein fibers (wool). They do not dye synthetics. Colors range from delicate pastels to dark shades depending upon the amount of dye used. They are completely inter-mixable and have excellent wash and light fastness.

Two ounces (58 grams) of dye will color approximately 3 pounds (1362 grams) or 14 yards (13 meters) of cotton muslin to a medium shade in a solid shade dye bath or 12 T-shirts for tie dye. Store mixed PRO MX Reactive Dyes in liquid form (without fixative) for four to five days at room temperature.

**Giving a Tie Dye T-Shirt party?**

**Party Pack for 25 shirts**

Kit contains: 30 grams each of Sun Yellow MX108, Fuchsia MX308, Basic Blue MX400, 570 gm of Soda Ash, 454 gm Urea, 4oz Synthrapol LF, 3-16oz Squeeze bottles, 100 Rubber Bands, 12 pairs of Medium Disposable Vinyl Gloves, 3 Dust Mist Masks and directions ... $24.95 Ship Weight 4 lbs.

**Party Pack for 50 shirts**

Kit contains: 30 gm each of Sun Yellow MX108, Fuchsia MX308, Basic Blue MX400, Turquoise MX410, Leaf Green MX700N, Reddish Purple MX804, 1135 gm of Soda Ash, 908 gm Urea, 8oz Synthrapol LF, 6-16oz Squeeze bottles, 200 Rubber Bands, 25 pairs of Medium Disposable Vinyl Gloves, 3 Dust Mist Masks & three sets of directions ... $45.95 Ship Weight 8 lbs.

**Party Pack for 100 shirts**

Kit contains: 60 gm each of Sun Yellow MX108, Fuchsia MX308, Basic Blue MX400, Turkouise MX410, Leaf Green MX700N, Reddish Purple MX804, 2270 gm of Soda Ash, 1816 gm Urea, 16oz Synthrapol LF, 12-16oz Squeeze bottles, 400 Rubber Bands, 50 pairs of Medium Disposable Vinyl Gloves, 6 Dust Mist Masks and six sets of directions... $71.95 Ship Weight 16 lbs.

**Suggested Auxiliaries:** (see page 13)

**Solid Shade Dyeing:** PRO Dye Activator, Synthrapol

**Printing or Painting:** PRO Dye Activator, PRO Print Paste Mix F & SH, Urea, Synthrapol

**Tie Dyeing:** PRO Dye Activator, Urea, Synthrapol

**Rainbow Gradation Dyeing Kit**

✔ Dyes 30 fat eighths (9” x 22”)
✔ Fun, easy process using very little water
✔ No big buckets - just small plastic cups

Each kit contains 3 colors of MX Reactive Dye, PRO Dye Activator, Soften It and Synthrapol.

Please specify color name when ordering.

**6DKGREY** Shades of Grey - assortment of greys

**6DKBLUE** Out of the Blue - assortment of blues

**6DKLEAVES** Pile of Leaves - golds, browns

**6DKFLOWER** Flower Garden - bright yellow, greens, blues, purples and reds

**6DKSEASONS** Change of Seasons - soft greens, blues, purples and oranges

**6DKFIERCY** Fiery Blend - reds, oranges and yellows

**6DKRAINFOREST** Rain Forest - yellow greens, greens and blue greens

**6DKPRISM** Prism - bright color wheel

**6DKSTONES** Stones & Shells - browns, greys and light pinks

**6DKEARTH** Earthy Blend - warm oranges, deep purples and warm greens

**6DKDESERT** Painted Desert - olives, terra cotta, and purples

**6DKTUTTI** Tutti Frutti - pastel color wheel

**6DKSEASKY** Sea & Sky - aqua, blues, pinks, & purples

**6DKAUTUMN** Autumn Blend - reds, oranges, golds, and greens

**6DKPURPLE** Purple Passion - reddish & bluish purples

**6DK** Rainbow Gradation Dyeing Kit ... 7.95

**PRO MX Tie-Dye Kit:**

(Dyes 10-12 T-shirts)

15 grams of: Sun Yellow 108, Fuchsia 308, and Basic Blue 400, Urea, Soda Ash, Synthrapol LF, 3 x 8 oz. Squeeze Bottles, 1 dust mist mask, 50 rubber bands & 3 pair of disposable gloves.

**TDKIT** ... PRO Tie-Dye Kit ... 13.95

SHIP WEIGHT .... 2.5 pounds

**PRO MX Autumn Blend 6 Dye Sampler Kit**

(Solid Shade Dyeing)

One 10 gram jar of each color:

- Tangerine MX112
- Turkey Red MX320
- Chocolate Brown MX511A
- Rust Brown MX5213
- Loden MX7157
- Eggplant MX825

114grams PRO Dye Activator, ½ oz. Synthrapol and Directions.

**S MXAB** Autumn Blend Sampler .....10.95

SHIP WEIGHT .... 2 pounds

**PRO MX Reactive 6-Dye Sampler:**

(Solid Shade Dyeing)

One 10 gram jar of each color:

- Sun Yellow 108
- Mixing Red 305
- Mixing Blue 402c
- Cotton Black 602A
- Leaf Green 700N
- Purple 804

PRO Dye Activator, Synthrapol, and directions.

**SMX** Six Dye Sampler ...... 10.95

SHIP WEIGHT .... 2 pounds

**PRO MX Dye Painting Kit:**

(Direct Application or Painting)

One 20 gram jar of each color:

- Yellow 108, Fuchsia 308, Basic Blue 400
- PRO Dye Activator, PRO Print Paste Mix SH, Urea, Synthrapol & Directions

**SSCHMX** Dye Painting Kit ...... 10.95

SHIP WEIGHT .... 2 pounds

**During warm summer months, we recommend mixing new dye solution every 1-2 days.**

**Prices subject to change without notice.**
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| 402c     | PRO Mixing Blue            | 4.95  | 14.02 | 23.36  | 105.10 | 198.60 |
| 410      | PRO Turquoise              | 3.95  | 12.18 | 20.30  | 91.35  | 172.60 |
| 412      | PRO Navy                   | 4.95  | 14.86 | 24.76  | 111.40 | 210.50 |
| 414      | PRO Deep Navy              | 5.95  | 17.21 | 28.68  | 129.05 | 243.70 |
| 420      | PRO Simply Navy            | 3.95  | 10.39 | 17.32  | 77.95  | 147.20 |
| 422N     | PRO Indigo Blue            | 4.95  | 16.10 | 26.84  | 120.75 | 228.10 |
| 435      | PRO Marine                 | 3.95  | 10.94 | 16.62  | 79.65  | 153.70 |
| 444      | PRO Baby Blue              | 2.95  | 8.51  | 14.18  | 63.80  | 120.50 |</p>
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Solid Shade Dyeing, Gradation Dyeing, Direct Application, Tie Dye, Home Washing Machine Dyeing

Suggested Auxiliares:
- Direct Application
- Tie Dye
- Home Washing Machine Dyeing

Directions available for:
- Dye in liquid form.

Store mixed Sabracron F Reactive Dyes in liquid form (without fixative) for two weeks at room temperature.

Colors range from delicate pastels to vibrant shades and are completely intermixable. Two ounces (58 gm) of dye will color approximately 3 pounds or 14 yards (13 meters) of cotton muslin to a medium shade in a solid shade dye bath or 12 T-shirts for tie dye. Store mixed Sabracron F Reactive Dyes in liquid form (without fixative) for two weeks at room temperature. This makes them an ideal choice for production dyers and school programs that prefer to store dye in liquid form.

Directions available for: Solid Shade Dyeing, Gradation Dyeing, Direct Application, Tie Dye, Home Washing Machine Dyeing

Suggested Auxiliaries: (see page 13)
- PRO Dye Activator
- Synthrapol

Printing or Painting
- PRO Dye Activator
- Urea
- PRO Print Paste Mix SH or F Synthrapol

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Sabracron F Reactive Dye
(for cotton, silk, rayon, linen & bamboo)

These dyes are similar to the PRO MX dyes, but work at a slightly warmer temperature, 105° to 120°F (40° to 50°C). They also dye protein fibers -- wool and silk -- using acid at a boil or with steam. Colors range from delicate pastels to vibrant shades and are completely intermixable. Two ounces (58 gm) of dye will color approximately 3 pounds or 14 yards (13 meters) of cotton muslin to a medium shade in a solid shade dye bath or 12 T-shirts for tie dye. Store mixed Sabracron F Reactive Dyes in liquid form (without fixative) for two weeks at room temperature. This makes them an ideal choice for production dyers and school programs that prefer to store dye in liquid form.

Directions available for: Solid Shade Dyeing, Gradation Dyeing, Direct Application, Tie Dye, Home Washing Machine Dyeing

Suggested Auxiliaries: (see page 13)
- PRO Dye Activator
- Synthrapol

Printing or Painting
- PRO Dye Activator
- Urea
- PRO Print Paste Mix SH or F Synthrapol

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FCC Sabracron F Color Chart 5.00
Yarn Painting Dye Kits - Superwash Sock Yarn and Worsted Weight

Available in 7 palettes, these kits will guide you through the process of using WashFast Acid Dyes to produce variegated dyed wool yarn for knitting. The sock yarn kit contains enough yarn to make a pair of socks, lace scarf or small shawl. The worsted weight kit contains enough yarn to make a pair of mittens and hat or a nice full length scarf.

**Color Palette Choices:**
- Cool Palette (Sun Yellow, Magenta, Brilliant Blue)
- Warm Palette (Golden Yellow, Bright Red, National Blue)
- Red Palette (Bright Red, Fuchsia, Poppy Red)
- Blue Palette (Colonial Blue, Navy, Lavender)
- Green Palette (Avocado, Mallard Green, Leaf Green)
- Purple Palette (Raspberry, Deep Purple, Purple)
- Neutral Palette (Chestnut, Mouse Grey, Black)

Each kit is $20.95

SHIP WEIGHT ....1.5 lb

To order use the following item codes:

**Superwash Sock**
- SSYPNEUTRAL
- SSYPYELLOW
- SSYPBLUE
- SSYPGREEN
- SSYPPURPLE
- SSYPRED

**Worsted Wool**
- SWYPNEUTRAL
- SWYPYELLOW
- SWYPBLUE
- SWYPGREEN
- SWYPPURPLE
- SWYPRED

Color It! by G&K Craft

Dye for Doll Hair (for wool, mohair, and nylon)

Easy to use! Each packet contains 5 grams of dye powder and will dye 4 ounces (115 gm) of doll hair.

**Item**
- Code Color
  - CT01 Pale Blonde
  - CT02 Goldilocks
  - CT03 Golden Blonde
  - CT04 Strawberry Blonde
  - CT05 Caramel
  - CT06 Spiced Cranberry
  - CT07 Mocha Java
  - CT08 Burnt Brown
  - CT09 Ebony

**CTCC Color It! Color Chart** $3.50

All colors of Color It! .......2.99

SHIP WEIGHT 0.125 pounds

NEW! PRO Sun Printing Paints

The Sun Printing Paints are easy to use, non-toxic, water-based pigments that work beautifully in the Sun Printing process.

Available in 20 concentrated, intermixable colors. The best part is that they are ready to use right from the bottle. They are compatible to Pebeo Setacolor Light Fabrics/Transparent Paints and you do not have to dilute our paints with water. They are already at that perfect consistency.

**Sun Printing Kit**: Contains 12 assorted colors marked by an * in 1/2 bottles, 3 ounces of Star Burst Salt and directions.

**SPKIT** Sun Printing Kit .... 15.95

**Item**
- Code Color
  - SP10* Sunny Daze
  - SP11* Marigold
  - SP20 Orange Sherbet
  - SP21 Desert Sand
  - SP30 Garden Tomato
  - SP31* Pink Petunia
  - SP32* Strawberry Fields
  - SP40* Perfect Sky
  - SP41* Tropical Water
  - SP42 Tranquility
  - SP43 Serenity
  - SP50* Hot Fudge
  - SP51 Shoreline
  - SP52 Sedona
  - SP60* Licorice
  - SP70* Meadow
  - SP71 Tropical Forest
  - SP72* Paradise
  - SP80* Pansy
  - SP81* Lilac

*indicates colors in kit

**Item Code** 4 oz. 8 oz. 16 oz. 32 oz.

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**SHIP WEIGHT** 0.46 lbs. 0.76 lbs. 1.26 lbs. 2.51 lbs.

**PRO Sun Printing Color Card** SPCC 6.00

Fabrico Fabric Markers

Use Versa Craft (Fabrico) on a variety of surfaces such as fabric, paper, wood, leather, unglazed ceramic, paper mache and shrink plastic. We are offering 22 colors, the markers feature both a brush and bullet tip, specifically designed for smooth ink flow and added permanence.

**Important! Store horizontally to keep both tips well inked.**

**Item Code**
- FMLP-106 Lipstick Pink
- FMGA-110 Green Apple
- FMLY-111 Lemon Yellow
- FMTA-112 Tangerine
- FMPR-114 Poppy Red
- FMCP-115 Cherry Pink
- FMPP-116 Peony Purple
- FMUL-118 Ultramarine
- FMCB-119 Cerulean Blue
- FMTL-120 Tropical Lagoon
- FMAG-122 Spring Green
- FMGA-125 Garnet
- FMMB-162 Midnight Blue
- FMMB-165 Licorice
- FMMB-166 Fuchsia
- FMMB-167 Cerise
- FMMB-168 Ruby
- FMMB-169 Brick
- FMMB-169 Tulip
- FMMB-169 Flamingo
- FMMB-169 Carnation
- FMMB-169 Petunia
- FMMB-169 Periwinkle
- FMMB-169 Iris
- FMMB-169 Orchid
- FMMB-169 Daisy
- FMMB-169 Lilac
- FMMB-169 Lavender
- FMMB-169 Violet
- FMMB-169 Magenta
- FMMB-169 Rose
- FMMB-169 Coral

Each marker is 3.95

**SHIP WEIGHT** ........4 oz.
**PRO WashFast Acid Dye**  
(also known as Nylomine Dyes)  
(for silk, wool, angora, mohair, soy silk & nylon)  
Dyes protein fibers -- animal fibers like wool, silk, angora, mohair, alpaca, and nylon... All colors intermix well. Substitute ammonium sulfates (for pastel to medium shades) or citric acid crystals (for pastel to dark shades) for Acetic Acid 56% without the odor. Dyes must be dissolved in boiling water. Apply at boil for solid shade dyeing and steam set when printing, hand painting, or rainbow dyeing. Two ounces (58 grams) of dye powder will dye 12 pounds (5.5 kilograms) of wool to a medium shade.

**Directions available for:** Solid Shade Dyeing, Rainbow Dyeing, Direct Application, Carpet Dyeing, Silk Flowers & Feathers, Dyeing Wood & Natural Materials, Steam Setting.

**Suggested Auxiliaries:** (see page 13) Ammonium Sulfate or--Citric Acid Crystals, Synthrapol, Common Salt or--Glauber Salt

★ Light fastness poor for these colors only.  * Price per pound

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<th>Item Code</th>
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<th>8 oz</th>
<th>1 lb</th>
<th>2 lbs</th>
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WASHFAST DYE SAMPLER KITS!!!

PRO WashFast Acid Dye Sampler - Warm Palette:
SWFAW .... PRO WashFast Acid Dye Sampler - Warm Palette......6.95

PRO WashFast Acid Dye Sampler - Cool Palette:
SWFCAM ....... PRO WashFast Acid Dye Sampler - Cool Palatte......6.95

PRO WashFast Acid Dye Sampler:
SWFAM ....... PRO WashFast Acid Dye Sampler ..........................10.95

Springtime
SWFSPR ........ Springtime WashFast Dye Kit ..........................10.95

Summertime
SWFSUM ........ Summertime WashFast Dye Kit ..........................10.95

Autumn
SWFSAUT ......... Autumn WashFast Dye Kit .............................10.95.

Winter Holiday
SWFWIN ........ Winter Holiday WashFast Dye Kit ........................10.95

Desert
SWFDES ........ Desert WashFast Dye Kit .............................. 10.95

Earth
SWFEKH .......... Earth WashFast Dye Kit .............................. 10.95

Fire
SWFFRE .......... Fire WashFast Dye Kit .............................. 10.95

Sky
SWFSKY .......... Sky WashFast Dye Kit .............................. 10.95

Angry
SWFARG .......... Angry WashFast Dye Kit ............................ 10.95

Berries
SWFBER .......... Berries WashFast Dye Kit ........................... 10.95

Camouflage
SWFCAM .......... Camouflage WashFast Dye Kit ........................10.95

Forest
SWFFOR ............ Forest WashFast Dye Kit ...........................10.95

Jewels
SWFJEW .......... Jewels WashFast Dye Kit ............................ 10.95

Royal
SWFROY .......... Royal WashFast Dye Kit ............................ 10.95

PLEASE VISIT OUR WEBSITE FOR MORE DETAILS:
www.prochemicalanddye.com

Dyes for Wool, Silk, Nylon and Other Animal Fibers/Starter Kits

Prices subject to change without notice.
Sabraset Dye
(for silk, wool, angora, mohair, soy silk & nylon)

Designed to permanently dye protein fibers -- animal fibers like wool, silk, angora, mohair, alpaca, and nylon. They are a unique range of dyes made up of 1:2 metal complex and reactive dyes. They boast extremely high wash fastness and good to excellent light fastness. Dyes must be dissolved in boiling water. Apply at a boil for solid shade dyeing and steam set when printing, hand painting, or rainbow dyeing. Two ounces (56 grams) of dye powder will dye 12 pounds (5.5 kilograms) of wool to a medium shade in a solid shade dye bath.

Directions available for:

- Solid Shade Dyeing, Direct Application, Rainbow Dyeing, Steam Setting.

Suggested Auxiliaries: (see page 13)
- Sodium Acetate Crystals, Citric Acid Crystals, Sabraset 4 Dye Sampler, Synthrapol, Common Salt, or Glauber Salt.

**Sabraset 4 Dye Sampler:** One 10 gram jar of each color: 180, 380, 483, 680, 780, 782, 870, 880, 881, 980, 182, and 982.

**NEW Sabraset Colors**

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Larger sizes are available.

Please call Customer Service at 800-228-9393 for additional sizes and prices.
PROsperse Disperse Dye
(for polyester, nylon, acrylic, acetate rayon & ingeo)

Designed to permanently dye synthetic fibers -- in particular polyester, nylon, acrylic, acetate rayon. Solid shade dyeing is done at a boil. A swelling agent, PRO Dye Carrier NSC, is necessary for the dye to penetrate polyester fiber. Two ounces (56 grams) of dye powder will dye 25 pounds (11 kilograms) of polyester to a medium shade in a solid shade dye bath. Many polyester/cotton fabrics have a permanent press finish. This must be removed before successful dyeing is achieved.

Suggested Auxiliaries for Immersion Dyeing: (see page 13)
Polyester:
- Dye Carrier NSC
- Synthrapol

Other Fibers:
- Metaphos
- Metaphos

+ Best for transfer printing

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<tr>
<th>Item Code</th>
<th>Color</th>
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<th>2 oz</th>
<th>4 oz</th>
<th>8 oz</th>
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PROCense Dye Sampler: One 5 gram jar of each color: D118, D360, D459, D650, PRO Carrier NSC, Synthrapol and directions.
SDISP  PROCense Dye Sampler .................................. 6.95

PROCense Transfer Printing Dyes

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Suggested Auxiliaries for Transfer Printing:
- Transfer Printing on Polyester:
  - PRO Thick F
  - Metaphos

PROCense Transfer Printing Kit: One 10 gram jar of each color: TP01, TP02, TP03, TP04, TP06 PRO Thick F, Metaphos and directions.
TRTRANS  PROCense Transfer Printing Kit ............ 12.95

SHIP WEIGHT ... 2 pounds

Vat Dyes
(for cotton, linen, rayon and silk)

Vat Dyes are a unique class of dye, similar to Indigo. The dye powder is not soluble in water, nor will it dye cellulose or silk fibers, until reduction takes place, usually at 120°F to 140°F (50°C to 60°C). Indigo requires a reducing agent, Thiox, and an alkali, Lye. ½ ounce of vat dye will make a vat of 1½ gallons (5 liters). Vat dyes lend themselves beautifully to bound resist techniques, like shibori, because they discharge the original color and deposit a new color all in one step, leaving a little halo around the patterned area. It’s just like magic!

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Color</th>
<th>½ oz</th>
<th>2 oz</th>
<th>4 oz</th>
<th>8 oz</th>
<th>1 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>VD01</td>
<td>Yellow</td>
<td>2.96</td>
<td>10.16</td>
<td>18.29</td>
<td>32.51</td>
<td>54.18</td>
</tr>
<tr>
<td>VD02</td>
<td>Orange</td>
<td>3.79</td>
<td>9.57</td>
<td>17.23</td>
<td>27.62</td>
<td>45.04</td>
</tr>
<tr>
<td>VD03</td>
<td>Red</td>
<td>5.47</td>
<td>14.76</td>
<td>23.77</td>
<td>35.04</td>
<td>66.06</td>
</tr>
<tr>
<td>VD04</td>
<td>Reddish Navy</td>
<td>4.28</td>
<td>9.59</td>
<td>16.45</td>
<td>27.49</td>
<td>47.12</td>
</tr>
<tr>
<td>VD043</td>
<td>Blue</td>
<td>3.83</td>
<td>8.59</td>
<td>15.46</td>
<td>27.49</td>
<td>45.81</td>
</tr>
<tr>
<td>VD05</td>
<td>Rust Brown</td>
<td>3.67</td>
<td>11.21</td>
<td>20.18</td>
<td>27.87</td>
<td>45.50</td>
</tr>
<tr>
<td>VD050</td>
<td>Reddish Brown</td>
<td>3.67</td>
<td>11.21</td>
<td>20.18</td>
<td>27.87</td>
<td>45.50</td>
</tr>
<tr>
<td>VD06</td>
<td>Black</td>
<td>3.32</td>
<td>9.70</td>
<td>17.46</td>
<td>27.04</td>
<td>45.74</td>
</tr>
<tr>
<td>VD07</td>
<td>Brilliant Green</td>
<td>3.12</td>
<td>7.77</td>
<td>14.59</td>
<td>23.27</td>
<td>40.29</td>
</tr>
<tr>
<td>VD08</td>
<td>Violet</td>
<td>5.12</td>
<td>12.85</td>
<td>21.13</td>
<td>30.12</td>
<td>53.54</td>
</tr>
<tr>
<td>VDCC</td>
<td>Vat Dye Color Card</td>
<td>5.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Burn out/Devoré

This is a technique practiced on composite fabrics such as rayon/silk, rayon/acetate and cotton/polyester. Cellulose fiber is burned out of the fabric leaving the remainder intact. Goggles, gloves, apron and a respirator with Acid Gas cartridges are recommended.

Guar Gum - Discontinued

Sodium Bisulfate Sodium acid sulfate. Colorless to white crystals that form a very strong acid when dissolved in water. Used to burn out cellulose from cotton and cotton blend fabrics. Wear safety goggles and gloves as it is corrosive to skin & eyes in solution.

Glycerin A clear thick liquid used in making the devore paste.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Color</th>
<th>16 oz</th>
<th>32 oz</th>
<th>1 gal</th>
<th>5 gal</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOE</td>
<td></td>
<td>7.25</td>
<td>6.52</td>
<td>6.16</td>
<td></td>
</tr>
<tr>
<td>SHIP</td>
<td></td>
<td>1.25</td>
<td>6.25</td>
<td>12.00</td>
<td></td>
</tr>
</tbody>
</table>

Prices Subject to Change Without Notice
12 Discharge Supplies

Discharge is the process of chemically removing color from dyed fabric. **Not all dyes will discharge.** It is very important to do a test before working on a large project to ensure you are satisfied with the results. Use Acid Gas cartridges in your respirator with all of the discharge chemicals. Rubber gloves, safety goggles and apron are recommended.

**Thiox** Thiourea dioxide is a safe replacement for sodium hydrosulfite in vat dyeing, discharge printing and general color stripping on cellulose and protein fibers. It has a two year shelf life if stored in a dry location and is five times stronger than hydrosulfite. Good ventilation is necessary, as is the use of a respirator with Acid Gas cartridges.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>1 lb.</th>
<th>5 lbs.</th>
<th>10 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>THI</td>
<td>Thiox</td>
<td>6.25</td>
<td>6.25</td>
<td>12.00</td>
</tr>
<tr>
<td>SHIP</td>
<td></td>
<td>1.25</td>
<td>6.25</td>
<td>12.00</td>
</tr>
</tbody>
</table>

**Monagum, Bleach, & Anti-Chlor** Using bleach is a quick and inexpensive method to remove color. Cotton, rayon, and linen are very sensitive to chorine bleach, making the Anti-Chlor bath important so the fabric does not disintegrate over time. Good ventilation is necessary, as is the use of a respirator with Acid Gas cartridges.

**Monagum** Modified starch gum. This is the only thickener for discharge printing with hypochlorite bleach that stays thick.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>1 lb.</th>
<th>5 lbs.</th>
<th>10 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GUMW</td>
<td>Monagum</td>
<td>8.75</td>
<td>7.88</td>
<td>7.44</td>
</tr>
<tr>
<td>SHIP</td>
<td></td>
<td>1.25</td>
<td>6.25</td>
<td>12.00</td>
</tr>
</tbody>
</table>

**Anti-Chlor Concentrate** A sodium bisulfite compound used to neutralize residual chlorine when using hypochlorite bleach to strip color, or in discharge printing.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>1 lb.</th>
<th>5 lbs.</th>
<th>10 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC</td>
<td></td>
<td>3.30</td>
<td>2.97</td>
<td>2.81</td>
</tr>
<tr>
<td>SHIP</td>
<td></td>
<td>1.25</td>
<td>6.25</td>
<td>12.00</td>
</tr>
</tbody>
</table>

**Pre-reduced Indigo** (for cotton, linen, rayon, & silk)

This specially formulated synthetic indigo is already 60% reduced, therefore it allows you to use soda ash instead of lye in the dye vat. Extremely easy to use, pre-reduced indigo makes setting up an indigo vat almost effortless. There is no need to paste up the indigo granules because they dissolve easily in water.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>2 oz.</th>
<th>8 oz.</th>
<th>1 lb.</th>
<th>2 lbs.</th>
<th>5 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIND</td>
<td>Indigo</td>
<td>8.80</td>
<td>28.17</td>
<td>46.95</td>
<td>89.21</td>
<td></td>
</tr>
<tr>
<td>SASH</td>
<td>Soda Ash</td>
<td></td>
<td></td>
<td>1.75</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pre-reduced Indigo Kit** a great way to try this new source of indigo! Makes a 3 gallon vat. Includes Pre-reduced Indigo, Soda Ash, Thiox, Synthrapol and directions.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPRIND</td>
<td>Pre-reduced Indigo Sampler</td>
<td>14.95</td>
</tr>
<tr>
<td></td>
<td>SHIP WEIGHT</td>
<td>1.5 pounds</td>
</tr>
</tbody>
</table>

**Synthetic Indigo** (for cotton, linen, rayon, silk & wool)

**Suggested Auxiliaries:** Thiox, Lye and Metaphosphates

**Indigo Sampler** Great for experimenting with Indigo as it makes a 3 gallon vat. Includes Synthetic Indigo, Lye, Thiox, Metaphos, Synthrapol and directions.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>2 oz.</th>
<th>8 oz.</th>
<th>1 lb.</th>
<th>2 lbs.</th>
<th>5 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIND</td>
<td>Indigo</td>
<td>12.95</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SHIP WEIGHT</td>
<td>2 pounds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**deColourant** by Jacquard (Formerly Discharge Paste) is a ready-to-use printing paste for removing areas of color from dyed natural fabrics such as cotton, linen, silk and wool. Unlike bleach, deColourant removes color without jeopardizing the integrity of the fiber. deColourant is activated by heat. If you do not like what you have done, just wash it out and start over, before heating the fabric! It is also available in a 4 ounce spray bottle.

**deColourant Paste**

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>2 oz.</th>
<th>8 oz.</th>
<th>1 lb.</th>
<th>2 lbs.</th>
<th>5 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECDP.8</td>
<td>deColourant Paste</td>
<td>8 ounce jar</td>
<td>7.95</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SHIP WEIGHT</td>
<td>1.0 lbs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DECDS.4</td>
<td>deColourant Mist</td>
<td>4 ounce mist spray</td>
<td>8.95</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SHIP WEIGHT</td>
<td>0.5 lbs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Prices Subject to Change Without Notice**
# Dry Auxiliaries

* Price per pound

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>8 oz.</th>
<th>1 lb.</th>
<th>5 lb.*</th>
<th>10 lb.*</th>
<th>25 lb.*</th>
<th>50 lb.*</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS</td>
<td>Ammonium Sulfate</td>
<td>n/a</td>
<td>2.89</td>
<td>2.52</td>
<td>2.38</td>
<td>2.24</td>
<td>2.10</td>
</tr>
<tr>
<td>ACC</td>
<td>Anti-Chlor Concentrate (Sodium Bisulfite)</td>
<td>1.98</td>
<td>3.30</td>
<td>2.97</td>
<td>2.81</td>
<td>2.64</td>
<td>2.47</td>
</tr>
<tr>
<td>LUD</td>
<td>Ludigol F (previously known as Chem Flakes)</td>
<td>n/a</td>
<td>13.91</td>
<td>12.52</td>
<td>11.83</td>
<td>11.13</td>
<td>10.43</td>
</tr>
<tr>
<td>HCTIT</td>
<td>Citric Acid Crystals</td>
<td>n/a</td>
<td>4.90</td>
<td>4.41</td>
<td>4.17</td>
<td>3.92</td>
<td>3.68</td>
</tr>
<tr>
<td>CDX</td>
<td>Corn Dextrin</td>
<td>n/a</td>
<td>6.97</td>
<td>6.27</td>
<td>5.92</td>
<td>5.57</td>
<td>5.22</td>
</tr>
<tr>
<td>ACT</td>
<td>PRO Dye Activator</td>
<td>n/a</td>
<td>1.75</td>
<td>1.30</td>
<td>1.17</td>
<td>1.10</td>
<td>1.04</td>
</tr>
<tr>
<td>GLS</td>
<td>Glouber Salt (Sodium Sulfate)</td>
<td>n/a</td>
<td>1.95</td>
<td>1.75</td>
<td>1.66</td>
<td>1.56</td>
<td>1.46</td>
</tr>
<tr>
<td>MET</td>
<td>Metaphos (Sodium Hexametaphosphate)</td>
<td>n/a</td>
<td>6.86</td>
<td>6.17</td>
<td>5.83</td>
<td>5.49</td>
<td>5.15</td>
</tr>
<tr>
<td>NACL</td>
<td>Salt (Sodium Chloride)</td>
<td>n/a</td>
<td>1.24</td>
<td>1.12</td>
<td>1.05</td>
<td>0.99</td>
<td>0.93</td>
</tr>
<tr>
<td>GUMW</td>
<td>Monogum</td>
<td>5.36</td>
<td>8.93</td>
<td>8.03</td>
<td>7.59</td>
<td>7.14</td>
<td>6.69</td>
</tr>
<tr>
<td>PALUM</td>
<td>Potassium Aluminum Sulfate</td>
<td>n/a</td>
<td>5.88</td>
<td>5.29</td>
<td>5.00</td>
<td>4.70</td>
<td>4.41</td>
</tr>
<tr>
<td>PDX</td>
<td>Potato Dextrin</td>
<td>n/a</td>
<td>7.50</td>
<td>6.75</td>
<td>6.38</td>
<td>6.00</td>
<td>5.63</td>
</tr>
<tr>
<td>PPF</td>
<td>PRO Print Paste Mix F</td>
<td>n/a</td>
<td>9.63</td>
<td>8.66</td>
<td>8.18</td>
<td>7.70</td>
<td>7.22</td>
</tr>
<tr>
<td>PPSH</td>
<td>PRO Print Paste Mix SH</td>
<td>n/a</td>
<td>7.17</td>
<td>6.46</td>
<td>6.10</td>
<td>5.74</td>
<td>5.38</td>
</tr>
<tr>
<td>PASH</td>
<td>Pot Ash (Potassium Carbonate)</td>
<td>n/a</td>
<td>4.73</td>
<td>4.25</td>
<td>4.02</td>
<td>3.78</td>
<td>3.54</td>
</tr>
<tr>
<td>SASH</td>
<td>Soda Ash (Sodium Carbonate)</td>
<td>n/a</td>
<td>1.75</td>
<td>1.30</td>
<td>1.17</td>
<td>1.10</td>
<td>1.04</td>
</tr>
<tr>
<td>SOA</td>
<td>Sodium Acetate</td>
<td>n/a</td>
<td>6.83</td>
<td>6.14</td>
<td>5.80</td>
<td>5.46</td>
<td>5.12</td>
</tr>
<tr>
<td>SOE</td>
<td>Sodium Bisulfate</td>
<td>n/a</td>
<td>7.25</td>
<td>6.52</td>
<td>6.16</td>
<td>5.80</td>
<td>5.43</td>
</tr>
<tr>
<td>TF</td>
<td>PRO Thick F (Sodium Alginate)</td>
<td>n/a</td>
<td>24.71</td>
<td>22.24</td>
<td>21.00</td>
<td>19.77</td>
<td>18.53</td>
</tr>
<tr>
<td>TSH</td>
<td>PRO Thick SH (Sodium Alginate)</td>
<td>n/a</td>
<td>24.71</td>
<td>22.24</td>
<td>21.00</td>
<td>19.77</td>
<td>18.53</td>
</tr>
<tr>
<td>THI</td>
<td>Thiox (Thiourea Dioxide)</td>
<td>6.72</td>
<td>11.20</td>
<td>10.08</td>
<td>9.52</td>
<td>8.96</td>
<td>8.40</td>
</tr>
<tr>
<td>TSP</td>
<td>Trisodium Phosphate</td>
<td>n/a</td>
<td>4.41</td>
<td>3.97</td>
<td>3.75</td>
<td>3.53</td>
<td>3.31</td>
</tr>
<tr>
<td>URA</td>
<td>Urea</td>
<td>n/a</td>
<td>2.15</td>
<td>1.75</td>
<td>1.53</td>
<td>1.32</td>
<td>1.16</td>
</tr>
<tr>
<td>SBS</td>
<td>Wool Assistant SBS</td>
<td>n/a</td>
<td>3.71</td>
<td>3.34</td>
<td>3.15</td>
<td>2.97</td>
<td>2.78</td>
</tr>
</tbody>
</table>

# Liquid Auxiliaries

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>16 oz.</th>
<th>32 oz.</th>
<th>1/2 gallon</th>
<th>1 gallon</th>
<th>5 gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLY</td>
<td>Glycerin</td>
<td>12.74</td>
<td>24.72</td>
<td>48.41</td>
<td>91.73</td>
<td>382.20</td>
</tr>
<tr>
<td>FIXOR</td>
<td>PRO Fixative OR</td>
<td>4.12</td>
<td>N/A</td>
<td>N/A</td>
<td>29.69</td>
<td>N/A</td>
</tr>
<tr>
<td>NSC</td>
<td>Dye Carrier NSC LOW ODOR</td>
<td>24.53</td>
<td>47.59</td>
<td>93.21</td>
<td>176.62</td>
<td>N/A</td>
</tr>
<tr>
<td>PSP</td>
<td>PROsapol</td>
<td>4.95</td>
<td>9.60</td>
<td>18.80</td>
<td>35.62</td>
<td>148.42</td>
</tr>
<tr>
<td>RET</td>
<td>PRO Retayne</td>
<td>4.95</td>
<td>9.61</td>
<td>18.82</td>
<td>35.66</td>
<td>148.58</td>
</tr>
<tr>
<td>PROSOFT</td>
<td>PROsoft K</td>
<td>4.05</td>
<td>7.86</td>
<td>15.39</td>
<td>29.16</td>
<td>121.50</td>
</tr>
<tr>
<td>SYN</td>
<td>Synthrapol SP</td>
<td>4.41</td>
<td>8.56</td>
<td>16.76</td>
<td>31.75</td>
<td>132.30</td>
</tr>
<tr>
<td>SYNLF</td>
<td>Synthrapol LF (Low Foam)</td>
<td>5.23</td>
<td>10.14</td>
<td>19.86</td>
<td>37.63</td>
<td>156.81</td>
</tr>
<tr>
<td>SHIP WEIGHT</td>
<td></td>
<td>1.25 lb.</td>
<td>2.5 lbs.</td>
<td>5 lbs.</td>
<td>10 lbs.</td>
<td>50 lbs.</td>
</tr>
</tbody>
</table>
Traditional batik is an ancient form of resist dyeing. Hot wax penetrates the cloth preventing dye from spreading to these areas. Designs may involve many or only one color depending upon the number of times the hot wax is applied and the cloth is dipped into different colored dye baths. Please read Wax Safety information on page 29 before batiking.

**Waxes**

**Soy Wax**
This wax now comes in pellet form and is a non-petroleum renewable source that supports American farmers. Burns clean with no toxic fumes. Melts at 130°-150°F (54°-66°C). Soy wax is easily removed in 140°F (60°C) water and a little Synthrapol.

<table>
<thead>
<tr>
<th>Wax</th>
<th>Formula</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soy Wax Batik Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 80 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Soy Wax and a medium tjanting.</td>
<td></td>
</tr>
<tr>
<td>Soy Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
<td></td>
</tr>
<tr>
<td>Soy Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
<td></td>
</tr>
<tr>
<td>Soy Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
<td></td>
</tr>
<tr>
<td>Soy Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
<td></td>
</tr>
<tr>
<td>Soy Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
<td></td>
</tr>
<tr>
<td>Soy Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
<td></td>
</tr>
</tbody>
</table>

**Paraffin Wax**
True petroleum wax traditionally used as a resist in batik dyeing. Shipped in granular form for very easy handling. No blocks to break up. Melting point is 135°F to 145°F (57°C to 60°C).

<table>
<thead>
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<td>Paraffin Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
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<td>Paraffin Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
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<td>Paraffin Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
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**Batik Wax**
For those who like the convenience and consistency of a mix in granulated form, this is a popular blend of 75% paraffin and 25% microcrystalline wax. Melting point is 150°F (66°C).

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<td>Batik Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
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<td>Batik Wax Kit:</td>
<td>10 gm each of MX 108, 308 and 404; 75 gm PRO Dye Activator, 100 gm Urea, 1 ounce Synthrapol, 2 ounces Batik Wax and a medium tjanting.</td>
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**Electric Tjantings**

**Electric Tjantings**

**Electric Tjanting Bowls**

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**Prices Subject to Change Without Notice**
Resists
Resists are products that protect portions of the fabric or fibers from dye penetrating into them, thus creating patterns.

Tie Dye Tape
Clear stretchable plastic binding tape that is wonderful for masking off areas not to be dyed. Each roll contains 500 yards. This tape does not work well for binding off ikat patterns.

 Potato Dextrin  Great for paste resist with MX Reactive dyes. It produces lace like patterns and crackle lines similar to batik. You need \( \frac{1}{4} \) to \( \frac{1}{2} \) pounds to pattern 1 yard of medium weight fabric. Not intended for immersion dye baths as it is water soluble.

 Corn Dextrin  This also works as a paste resist with MX Reactive dyes. Different visual effects are possible by applying the resist using a squeegee, rubber stamp, stencil, spatula or applicator bottle. You need \( \frac{1}{4} \) to \( \frac{3}{4} \) pounds to pattern 1 yard. It is water soluble and not suited for immersion dye baths.

Jacquard Removable Water Based Resist
Removable Water-based Resist is a superior resist that easily washes out with warm water (even after steaming or setting). It holds a crisp line without spreading and does not shrink or pucker when dry.

Star Burst Salt
This special salt produces the beautiful and familiar star or salt burst patterning - it works great for silk painting and is successful on cotton and rayon. Use with all types of dyes as well as Setasilk and Setacolor Transparent textile paint to add visual dimension to your fabric.

Zip Lock Bags
Strong, durable and crystal clear poly bags for your every storage need. All sizes are sold in packs of 100 bags.

Resistad Water-Based Gutta by Jacquard
Water-Based Gutta - Medium Concentrate Resistad is the world’s top performing water-based gutta resist! Developed by John Mitchell of Procolour in New Zealand, the formula was acquired and further improved upon by Jacquard Products in early 2017. Resistad’s unique chemistry offers all the advantages of both permanent and removable resists plus more, without any of the disadvantages. This is what has made it the almost universally favored resist of silk painters all over the world. Utensils are easily cleaned with water, and there are no abnoxious fumes associated with using Resistad.
Safety & Workroom Equipment

Respirators
Disposable Dust/Mist Respirator
NIOSH/MSHA Certificate of Approval TC-21C-132 for OSHA. It does not replace a dual cartridge respirator. One size fits all.
MSK1 ...each ........................................ 1.35
MSK3 ...Set of 3 .................................. 3.90
MSK12 ...Set of 12 ............................... 14.95
SHIP WEIGHT ... 2 ounce each mask

True Air Disposable Mask with Vent
Exhalation vent reduces hot air buildup, making breathing easier. Extra soft polypropylene inner lining provides superior comfort. NIOSH approved. It does not replace a dual cartridge full face piece respirator.
MSKV.1 ..... each ..... 1.95
MSKV.3 ...... Set of 3 ..... 5.70
MSKV.10 ... Set of 10 ... 18.50
SHIP WEIGHT ... 2 ounce each mask

North Respirator 5500 by Honeywell
This North 5500 Series half mask respirator is made from an extremely soft non-allergenic elastomer. Wide contoured sealing area provides a great fit. Low dead air space improves worker comfort by limiting re-breathing of exhaled air. This unit has an adjustable head and neck strap and comes with North Defender™ multi-purpose gas/vapor cartridges, these are compatible with North 5000, 7000 and RU Series half mask and full face-piece respirators. NIOSH approved for protection against organic vapors, ammonia, methylenamine, formaldehyde and acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chromium dioxide). For added protection they come with filters, which are held in place by the retainer caps that snap on the dual duty cartridge. It is perfect when you mix large amounts of powders or work with discharge agents like bleach and Thiox.
RESPS ... Small Respirator ........... 58.95
RESPM ... Medium Respirator .......... 58.95
SHIP WEIGHT .... 1.5 lbs.

North Organic Vapor/Acid
Gas/Ammonia Replacement Cartridge
This cartridge is for the "NEW" North 5500 Respirator. These do NOT FIT the Sperian Respirator that was just discontinued. The Sperian Cartridges are available on our website. Approved for respiratory protection against organic vapors, acid gases, ammonia and formaldehyde.
For North 5500 Series only
RCARAN ... Organic Vapor/Acid
Gas/Ammonia/Formaldehyde Replacement Cartridges (pkg. of 2) ........ 35.95
SHIP WEIGHT ... 8 ounces

Safety Glasses
Lightweight wrap-around eye protection. Sides can extend to fit all sizes.
SGLASSES ...... Safety Glasses ...... 4.50
SHIP WEIGHT ... 8 ounces

Gloves
Dyer's Glove
A machine washable, 26" Nitrile glove for all of your dying needs. Has a cotton liner, textured palm and fingers for a non-slip grip, as well as an elasticized top. Available in Medium and Large.
DYEGLO ... Specify size ...... 19.95
SHIP WEIGHT ... 1 lb.

Nitrile
Light weight, industrial quality and EXTREMELY tough. They are highly flexible and resist punctures or abrasion.
13 inch length available in size
7 (Small), 8 (Medium) or 9 (Large).
18 inch length available in size
8 (Medium) or 9 (Large).
SHIP WEIGHT ... 2.25 pounds

Vinyl
Box of 100 Latex-free disposable gloves, that are powdered. Available in Medium or Large.
GOV/DISPM ... Medium .......... 11.55
GLO/DISPL ... Large ............... 11.55
SHIP WEIGHT ... 2.25 pounds

Latex
Box of 100 Latex disposable gloves, that are powder free. Available in Medium or Large.
GLOV/PFS ... Small .............. 11.55
GLOV/PMF ... Medium ............ 11.55
GLOV/PFL ... Large ............... 11.55
SHIP WEIGHT ... 2.25 pounds

Scales
This 4.5" x 6.3" x 1.2" scale has a lid/weighing tray, and a stainless steel platform. 2000g x 0.1g
Weighing Modes: g, oz, ozt, dtw
Backlit LCD Display, Auto Power Off. Includes: 2 AAA batteries and 2 x 200g Calibration Weights. Not available with an AC adapter - Batteries only!
SCALE-BALANCE ... Deluxe Scale w/ bowl .. 26.95
SHIP WEIGHT ... 2.25 pounds

Rubber Bands
These rubber bands are excellent for Tie Dyeing. Bag of 1 lb (Size 32)
RB-1 ... Rubber bands .... 6.95
SHIP WEIGHT ... 1.5 lbs.

Safety Goggles
Fit comfortably over glasses. Provide maximum protection against chemical splash with vents to prevent fogging.
GOG ... Safety Goggles ............ 5.50
SHIP WEIGHT ... 8 ounces

Polystyrene Weigh Boat
Very popular for weighing liquids & powders. Ideal for controlled pour-off. 3-5/16" x 3/4" deep.
WB-12 .... 12 boats for $3.95
SHIP WEIGHT ... 0.35 pounds

Dye Dippers
4 inch glass eye dropper with rubber squeeze top, easy cleanup, and great for applying liquid dyes and marbling colors.
DYED1 ... Single Dye Dropper ... 0.9
SHIP WEIGHT ... 0.25 ounces
DYED3 ........ Set of 3 .......... 2.50
SHIP WEIGHT ... 0.5 ounces

5ml pipette syphon
PIPSYP ... 1.50

Plastic Syringes
SYR.1 ... 1 ml syringe ... 1.20
SYR.5 ... 5ml syringe .... 1.30
SYR.10 ... 10ml syringe ... 1.50
SYR.20 ... 20ml syringe ... 2.60
SHIP WEIGHT approx 2.4 ounces

Thermometer & Armor
12 inch thermometer with engraved Fahrenheit scale, 0° to 230°F (-20° to 110°C). Use protective nickle-plated brass armor sheath to extend the life of your thermometer. Contains no mercury.
THEARM ... Thermometer & Armor .... 34.95
SHIP WEIGHT ... 12 ounces
THER ... Thermometer Only ........... 11.95
SHIP WEIGHT ... 6 ounces
ARM ... Armor Only .................. 24.95
SHIP WEIGHT ... 6 ounces

pH Paper
Wide range pH test paper Measures pH from 1 to 14 in 1.0 pH intervals. Comes in plastic dispenser with 2 rolls of pH paper: approx. 240 readings.
PHP ... pH Paper & holder ....... 13.95
SHIP WEIGHT ... 1.5 ounces

Dye Droppers
These rubber bands are excellent for Tie Dyeing. Bag of 1 lb (Size 32)
DYED1 ... Single Dye Dropper ... 0.9
SHIP WEIGHT ... 0.25 ounces
Super Hand Cleaner
Kresto Kolor Ultra
NEW 250ml size. This is the best hand cleaner to remove dye without damaging the skin. It is also great for removing accidental dye spots or specks from undyed fabric.
SHIP WEIGHT ... 1.95

1000ml Refill Bottle
SHCL1000 ..1000ml refill... 3.95
SHIP WEIGHT ... 3.5 pounds

Graduated Cylinders
Made of durable plastic.
CYL.30 ..... 30 ml ........  7.95
CYL.60 ..... 60 ml ........  8.95
CYL.100 ... 100 ml ....... 9.95
SHIP WEIGHT ... 4 oz.
CYL.250 ... 250 ml ....... 11.95
SHIP WEIGHT ... 6 oz.

Grey Dye Spoons
Set of three spoons made of polished aluminum, in sizes 1/8, 1/16, 1/32, 1/64 and 1/128 teaspoon.
GDSPOONS ... Set of 3 ... 67.95
SHIP WEIGHT ... 1 pound

Tri-Pour Safety Beaker
Tri-Pour beakers are made from polypropylene plastic which offers excellent heat and chemical resistance.
BEA.250 ... 250 ml (8 ounces) ... 1.65
BEA.1000 ... 1000 ml (1 quart) ... 2.95
SHIP WEIGHT ... 4 ounces

Syringe with tips
6ml syringe comes with our metal tip applicators to apply small, medium and large lines using thickened dyes or resists.
SYRWTIPS ... Syringe with tips ... 2.95
SHIP WEIGHT ... 4 ounces

6ml Waterproof Vinyl Apron
VAPRON ... 4.95
SHIP WEIGHT ... 8 oz.

Pails
These pails are perfect for storage or as dye buckets. They all come with handles and lids.
PAIL-1 ..... 1 Gallon Pail ................. 4.75
SHIP WEIGHT ... 1.25 pounds
PAIL-2 ..... 2 Gallon Pail ................. 5.65
SHIP WEIGHT ... 3.75 pounds
PAIL-5 ..... 5 Gallon Pail ................. 12.50
SHIP WEIGHT ... 5 pounds
PAIL-5S ... 5 Gallon Pail w/Spout ...... 12.95
SHIP WEIGHT ... 5 pounds
PAIL-6 ..... 6 Gallon Pail ............... 13.25
SHIP WEIGHT ... 5 pounds

Re-Usable Zip Ties: 11 and 14 inch
Pull the zip tie tight and they are locked in place. Press down on the little plastic lever, when you want to unlock.
RCT11-10 ... 11" bundle of 10 ... 3.95 WEIGHT 0.25#
RCT11-25 ... 11" bundle of 25 ... 8.95 WEIGHT 0.35#
RCT14-10 ... 14" bundle of 10 ... 5.95 WEIGHT 0.25#
RCT14-25 ... 14" bundle of 25 ... 10.95 WEIGHT 0.35#

Squeeze Bottles
These polyethylene bottles come with either a tapered closed tip or a black cap.
SQB.1W/Y ... 1 ounce .......... 0.79
SQB.1W/C ... 1 ounce .......... 0.73
SQB.2W/Y ... 2 ounce ............ 0.88
SQB.2W/C ... 2 ounce ............ 0.83
SQB.4W/Y ... 4 ounce ............ 1.02
SQB.4W/C ... 4 ounce ............ 0.97
SQB.8W/Y ... 8 ounce ............ 1.30
SQB.8W/C ... 8 ounce ............ 1.25
SHIP WEIGHT (2, 4 & 8 oz) 2 ounce
SQB.16W/Y ... 16 ounce .......... 1.50
SQB.16W/C ... 16 ounce .......... 1.45
SQB.32W/Y ... 32 ounce .......... 1.80
SQB.32W/C ... 32 ounce .......... 1.75
SHIP WEIGHT (16 & 32 oz) 4 ounce
SQB.64W/C ... 64 ounce .......... 2.50
SHIP WEIGHT ... 0.5 lb.
SQB.100 ..1000 ml refill ... 34.95
SHIP WEIGHT ... 1 pound

Pour Safety Beaker
Made of durable plastic.
Pour Safety Beaker Kolor ... 1000 ml (1 quart)
thickened dyes or resists medium and large lines using CYL.1000 .... 1000 ml refill ... 1.75
Made of durable plastic.
CYL.1000 .... 1000 ml refill ... 1.75
Made of durable plastic.
CYL.1000 .... 1000 ml refill ... 1.75

Tapered Tip Bottle
We offer our one and two ounce bottles with a tapered tip and a gold cap.
STSB.1 .. 1 oz gold tip bottle ..... 1.00
STSB.2 .. 2 oz gold tip bottle ..... 1.25
SHIP WEIGHT ... 0.75 lb.

Metal Tip Applicator Bottles
This is the applicator bottle we use for Sabra Silk Resist. Bottle holds 1.25 ounces and is available with three tip sizes. Small-20 gauge, Medium-18 gauge, Large-16 gauge, or assorted tips.
APBTL-5 ... Bottle w/5 small tips.... 4.75
APBTL-10 ... Bottle w/10 medium tips.... 4.75
APBTL-16 ... Bottle w/16 large tips.... 4.75
APBTLA-1 ... Bottle w/3 assorted tips.... 4.75
SHIP WEIGHT ... 2 ounces
125 ounce Bottle sold separately.
APBTLO ... Bottle w/cap only/no tips 2.50
SHIP WEIGHT ... 2 ounces

Tips ONLY for the above 1.25 ounce Bottle.
RN/3-S ... 3 small tips ....... 1.95
RN/3-M ... 3 medium tips ....... 1.95
RN/3-L ... 3 large tips ....... 1.95
RN/3-A ... 3 assorted tips ....... 1.95
SHIP WEIGHT ... 2 ounces

Storage Jars
These wide mouth plastic jars are made from durable plastic. They provide airtight storage for all of your studio needs. All jars come with screw top lids.
JAR.1 ....... 1 ounce ........ 0.50
JAR.2 ....... 2 ounce ........ 0.75
JAR.3 ....... 3 ounce ........ 0.80
JAR.4 ....... 4 ounce ........ 0.92
JAR.8 ....... 8 ounce ........ 1.35
JAR/20 ... 20 ounce ........ 1.85
JARDYE.16 ........ 16 ounce ...... 1.40
JARINK ... 16 ounce ........ 1.60
JAR.20 ... 20 ounce ........ 1.85
JARDYE.32 ... 32 ounce tall jar. 2.10
JARDYE.32 ... 32 ounce wide jar. 2.60
JAR/1500 .... 15 liter jar .... 3.25
JARDYE.4000 .... 4 liter jar .... 3.95
JARDYE.32 ... 32 ounce tall jar. 2.10
JARDYE.32 ... 32 ounce wide jar. 2.60
JAR/1500 .... 15 liter jar .... 3.25
JARDYE.4000 .... 4 liter jar .... 3.95
JARDYE.32 ... 32 ounce tall jar. 2.10
JARDYE.32 ... 32 ounce wide jar. 2.60
JAR/1500 .... 15 liter jar .... 3.25
JARDYE.4000 .... 4 liter jar .... 3.95

Pump Tops
Polypropylene pumps made with a stainless steel spring to prevent corrosion. They dispense 1 ounce of product with each stroke.
NOTE: the PTOPT 28 is not long enough for the 32 oz bottle.
PTOPT 8 ... fits 8 & 16 oz bottles .... 2.50
PTOPT 38 ... fits ½ & 1 gallon bottles ... 3.95
SHIP WEIGHT ... 2 ounce

Fine Mist Sprayer
FMSPRAY .... 0.95
SHIP WEIGHT ... 4 oz.

4 oz. Fine Mist Spray Bottle
SQB.4FMS .... 1.95
SHIP WEIGHT ... 4 oz.

Prices are subject to change without notice.
PROfab Color Concentrates are pure textile pigment colors in a water dispersion. They are made of finely ground particles of color that allow for maximum penetration into the fiber or other painted surfaces.

PROfab Color Concentrates and PROfab Base Extender make our Textile Paint. For optimum viscosity control the PROfab Lo Crock Binder and PROfab Thickener are helpful. PROfab Color Concentrates, with their superior degree of light fastness, are used to extend the color range of PROfab Textile Paints, Opaque and PRObrite. They are also used in conjunction with PRO Retayne to color paper pulp.

PROfab Textile Paints - Kits and Auxiliaries (for all fabrics)

PROfab Textile Paints are ready to use from the jar. They can be used for screen printing, hand painting and stenciling on all natural and synthetic fabrics. Our textile paints are water based and non-toxic. They are available as Transparent, Opaque, and Pearlescent. Mix with the corresponding Base Extender for pastel shades and with PROfab Lo Crock Binder for water color effects. Heat setting is necessary for permanence.

PROfab Transparent Paint: One 1 ounce jar of each color: 01, 10, 35, 45, 60, & 70, and 2 oz. Transparent Extender and directions.

SINK Transparent Paint Sampler .... 6.95
SHIP WEIGHT ...... 2 pounds

12 pack of PROfab Transparent Paints
One 2 ounce jar of the following colors of PROfab Transparent colors: 10, 12, 35, 37, 41, 46, 43, 83, 72, 55, 60, Transparent Extender, as well as directions.

SINK12 ........PROfab 12 pack ........24.95
SHIP WEIGHT ......2.5 pounds

PROfab Opaque Paint: One 1 ounce jar of each Opaque color: 01, 12, 35, 45, 60, & 70, and 2 oz. Opaque Extender, and directions.

SOPQ ... Opaque Paint Sampler .... 7.95
SHIP WEIGHT ......2 pounds

12 pack of PROfab Opaque Paints
One 2 ounce jar of the following colors of PROfab Opaque colors: 10, 12, 35, 37, 41, 46, 43, 49, 53, 54, 76, 84, 409, 76, 54, 60, Opaque Extender, as well as directions.

SOPQ12 ........PROfab 12 pack ........27.95
SHIP WEIGHT ......2.5 pounds

Suggested Auxiliaries

Textile Paint:
PROfab, or Opaque, or PRObrite Base Extender
PROfab Lo Crock Binder, and directions.

Papermaking:
PRO Retayne

Directions available for: Making Textile Paint, Coloring Paper Pulp, and Pigment Immersion Dyeing.

PROfab Color Concentrate Sampler for Fabric:
One 1 ounce jar of each color: CC10, CC35, CC46, & CC60, INKX Transparent Extender, Lo Crock Binder, and directions.

SCCINK ... Fabric Color Concentrate ....... 12.95
SHIP WEIGHT ...... 3 pounds

PROfab Pearlescent Paint:
One 1 ounce jar of each color: 2, 5, 6, 7, 32, & 45, and 2 oz. Pearlescent, Extender, and directions.

SBRT ... Pearlescent Paint Sampler .... 8.95
SHIP WEIGHT ...... 2 pounds

12 pack of PROfab Pearlescent Paints
One 2 ounce jar of the following colors of Pearlescent colors: 7, 8CL, 5, 54, 79, 309, 403, 84, 81, 45, and 64, and Pearlescent Extender, as well as directions.

SBRT12 .........Pearlescent 12 pack .........29.95
SHIP WEIGHT ...... 2.5 pounds

PRO Silk & Fabric Paint Kit: This kit contains 7 x 1 oz. bottles of the following colors: 101, 102, 302, 407, 603, 705, and 804. 3 oz. Star Burst Salt and Directions

SPSFKIT ... PRO Silk & Fabric Paint Kit.15.95
SHIP WEIGHT ....... 1.25 pounds

PRO Pourable Opague Paint Kit: The kit contains 7 x 1 oz. bottles of the following colors: 01, 10, 37, 46, 60, 76, 81 and Directions

SOPQPKIT .... Pourable Opague Paint Kit ....15.95
SHIP WEIGHT ...... 1.25 pounds

PROfab pH Leveler: Add to the PROfab Textile Paints as a precautionary. Comes in a 2 ounce bottle with an eye dropper for ease in adding to your paint. Use approx. 1/2 tsp. in every 4 ounces of paint.

PHUP.2 .........PROfab pH Leveler ......... 4.73
SHIP WEIGHT ...... 4 ounces

PROfab Paint Thinner: Add to Transparent Paints only, to achieve a thinner consistency

INKTHN.16 ............. 16 ounces ........... 3.95
SHIP WEIGHT ...... 1.5 pounds

INKTHN.32 .......... 32 ounces ........... 6.95
SHIP WEIGHT ...... 2.5 pounds

PRO No Dri: Add to PROfab Paints to help prevent paints from drying when screen printing

NODRI.4 ......4 ounces.............. 4.54
SHIP WEIGHT .... 1/2 pound
NODRI.16 ......16 ounces ......... 13.44
SHIP WEIGHT .... 1.5 pounds

PROfab Anti-mildew: Add to the PROfab Textile paints to help correct a color that is bad and smelly. Comes in a 2 ounce bottle with an eye dropper for ease in adding to your paint. Use 4 drops in every 4 ounces of paint.

ANTI.2 .......PROfab Anti-mildew ....... 5.25
SHOP WEIGHT ...... 4 ounces

Lo Crock Binder: Make a mixture of 3 parts water and 1 part Lo Crock. Then add Color Concentrates to create fluid, liquid fabric paint.

LOCR.8 ... 8 ounces .... 5.78
SHOP WEIGHT .... 1 lb.
LOCR.16 ... 16 ounces .... 9.64
SHOP WEIGHT .... 1.5 lb.
LOCR.32 ... 32 ounces ... 18.70
SHOP WEIGHT .... 3.25 lb.
LOCR.1G ... 1 gallon .... 69.39
SHOP WEIGHT .... 10 lb.

PROfab Thickener Concentrate: Use 1/2 teaspoon per quart of PROfab Textile Paint, mix for 5-10 minutes and then let stand for 15-30 minutes, to make the paints even thicker.

THC.4 ... 4 ounces .... 4.71
SHOP WEIGHT .... 0.75 lb.
THC.8 ... 8 ounces .... 8.37
SHOP WEIGHT .... 1 lb.
THC.16 ... 16 ounces .... 13.95
SHOP WEIGHT .... 1.5 lb.
THC.32 ... 32 ounces ... 27.06
SHOP WEIGHT .... 3.25 lb.
THC.1G ... 1 gallon ... 100.44
SHOP WEIGHT .... 10 lb.

Color Concentrates

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC01</td>
<td>White</td>
</tr>
<tr>
<td>CC10</td>
<td>Lemon Yellow</td>
</tr>
<tr>
<td>CC12</td>
<td>Golden Yellow</td>
</tr>
<tr>
<td>CC21</td>
<td>Orange</td>
</tr>
<tr>
<td>CC30</td>
<td>Scarlet</td>
</tr>
<tr>
<td>CC32N</td>
<td>Carmine</td>
</tr>
<tr>
<td>CC35</td>
<td>Red</td>
</tr>
<tr>
<td>CC36</td>
<td>Bright Red</td>
</tr>
<tr>
<td>CC37</td>
<td>Magenta</td>
</tr>
<tr>
<td>CC43</td>
<td>Turquoise</td>
</tr>
<tr>
<td>CC46</td>
<td>Blue</td>
</tr>
<tr>
<td>CC49</td>
<td>Deep Blue</td>
</tr>
<tr>
<td>CC53</td>
<td>Earth Brown</td>
</tr>
<tr>
<td>CC54</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>CC60</td>
<td>Black</td>
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<tr>
<td>CC73</td>
<td>Olive Green</td>
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<tr>
<td>CC76</td>
<td>Green</td>
</tr>
<tr>
<td>CC83</td>
<td>Violet</td>
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See Page 19 for sizes and prices of the Color Concentrates

Textile Paint Color Card_INKCC ...12.00
Silk & Fabric Paint Color Card _PSFPCC ...6.00
<table>
<thead>
<tr>
<th>Transparent Paints</th>
<th>Opaque Paints</th>
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<tbody>
<tr>
<td>INK01</td>
<td>White</td>
</tr>
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<td>INK10</td>
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<tr>
<td>OPQ11</td>
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<td>OPQ12</td>
<td>Golden Yellow</td>
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<td>OPQ15</td>
<td>Colonial Gold</td>
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<tr>
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<tr>
<td>OPQ309</td>
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</tr>
<tr>
<td>N/A</td>
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<tr>
<td>OPQ49</td>
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<tr>
<td>OPQ407</td>
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<thead>
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<tr>
<td>BRT1</td>
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<td>BRT6</td>
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<thead>
<tr>
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<th>4 oz.</th>
<th>8 oz.</th>
<th>16 oz.</th>
<th>32 oz.</th>
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<th>5 gallons</th>
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<tbody>
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<tr>
<td>INKX</td>
<td>PROfab Transparent Extender</td>
<td>N/A</td>
<td>N/A</td>
<td>5.22</td>
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<td>N/A</td>
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<td>PSF PX</td>
<td>PRO Silk &amp; Fabric Paint Extender</td>
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<td>5.83</td>
<td>9.71</td>
<td>18.85</td>
<td>71.66</td>
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</table>
**PRO Pourable Opaque Paints**
(for sheer silk fabrics as well as non-wovens)

These new fabric paints are great for pouring and blending colors to achieve a marbled, organic look when mono-printed on your sheer fabrics and non-wovens. All colors are water-based, non-toxic and intermixable. Heat setting is necessary for permanence.

- POPQ01 White
- POPQ10 Lemon Yellow
- POPQ12 Golden Yellow
- POPQ36 Bright Red
- POPQ37 Magenta
- POPQ41 Light Turquoise
- POPQ49 Navy
- POPQ60 Black
- POPQ70 Kelly Green
- POPQ76 Leaf Green
- POPQ81 Brilliant Violet
- POPQ84 Purple

**Marbling Colors**
(for silk, cotton, synthetic blends, wood, etc., etc.)

Marbling requires no special skill, only the willingness to experiment. The only "special" equipment needed is a tray or trough large enough to accommodate the dimensions of the fabric to be patterned. All colors are inter-mixable.

**Suggested Auxiliaries**
ALUM M101, Methyl Cel M112, Clear Household Ammonia, Marbling Surfactant

**Marbling Kit**: 5 x ½ ounce applicator bottles of M10 Lemon Yellow, M36 Red, M46 Blue, M60 Black and M72 Emerald Green, Alum to make 1 gallon, Methyl Cel to make 2 gallons, ½ ounce bottles of Marbling Surfactant, Colorless Extender and Clear Household Ammonia and directions.

**MKIT.5 ... Marbling Kit ................. 10.95**

**SHIP WEIGHT ... 2 pounds**

### Helpful Information

Ammonia labeled as Clear Household Ammonia is not necessarily CLEAR! Please read the label before purchasing Ammonia. Some ingredients to avoid are: alcohol, nonionic surfactant, perfume or added color. Use clear household ammonia to mix Methyl Cel M112 that only contains ammonium hydroxide or ammonia and water on the ingredient list.

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Product</th>
<th>Makes 5 gallons</th>
<th>1 lb.</th>
<th>5 lbs.</th>
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<tbody>
<tr>
<td>M101</td>
<td>Alum</td>
<td>2.85</td>
<td>4.20</td>
<td>18.90</td>
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<td>M112</td>
<td>Methyl Cel</td>
<td>10.88</td>
<td>29.93</td>
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<td>M100</td>
<td>Marbo Gum</td>
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<tr>
<td>MCC</td>
<td>Color Card</td>
<td>4.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Check out the new hand carved wood blocks on our web site under the Tools section in the yellow tool bar on our home page.**

www.prochemical.com
Bubble Jet Set 2000

Bubble Jet Set 2000 prints permanent color images on 100% cotton and silk fabric using your ink jet or bubble jet printer. We found that it works best with Canon, Epson and Hewlett Packard printers/cartridges. One bottle prepares approximately 25-30 sheets that measure 8 ½” x 11”. The fabric also maintains its original feel and texture. Quilters! This is a great opportunity to customize your quilt labels.

BJSET.16 ...... Bubble Jet Set 2000 ...... 10.95
SHIP WEIGHT ... 1.5 pounds

Bubble Jet Rinse

Bubble Jet Rinse is excellent for washing fabrics that were recently dyed or painted. It prevents fabrics from immediate fading when washing. Bubble Jet Rinse contains no perfumes and no bleach products which could be abrasive to your fabric. Many detergents attract recently applied inks and dyes, but Bubble Jet Rinse contains no sodium carbonate which is the number one reason why fabrics fade after washing. Just add 4 oz of Bubble Jet Rinse in the washing machine when washing your fabric. Bubble Jet Rinse is excellent for bleeding and fading fabrics, spotting, removing waxes, knitting oils and mill dirt from all types of yarns and fabrics! This product works perfect in conjunction with Bubble Jet Set 2000!

BJRINSE.16 ...... Bubble Jet Rinse ...... 8.95
SHIP WEIGHT ... 1.5 pounds

Color Magnet Pen

Shake well and apply by drawing, stamping or stenciling. Let dry thoroughly. Drying can be aided by the use of a hair dryer. Dye according to dye package instructions. The more diluted the dye, the greater the contrast. For best results, we recommend the immersion dyeing method. Color Magnet™ will attract more dye where it has been applied.

CM.45 ...... Color Magnet Pen ...... 4.95
SHIP WEIGHT: 0.50 lbs

Color Magnet in the jar

Color Magnet™ is a dye attractant that magically attracts more dye where it is applied. Use it in combination with MX dyes. For best results we recommend the immersion dyeing method. Color Magnet™ doesn't stiffen fabric, so the two-toned result is perfectly soft.

CM.16 ...... Color Magnet Jar ...... 10.95
SHIP WEIGHT: 1.25 lbs

TAP - Transfer Artist Paper

This product, developed by Lesley Riley, can be applied to various surfaces such as: fabrics of all types, wood, glass, polymer and lots more! The transfer does not change the hand of the fabric. They are completely washable. You can even use crayons, markers and colored pencils on the TAP and transfer your own text and drawings to the fabric. The possibilities are endless!

- 8 1/2” x 11” sheets
- Premium-quality transfer paper
- Transferred images are crisp and colorfast; washable and crack resistant on fabric
- Print the image onto the TAP using your bubble jet printer (laser printers will not work)
- Iron it to your material
- Lift off the paper backing and you are done!
- Complete directions are included in each package of TAP.

TAP-5 ...... 5 pack ...... 14.95
SHIP WEIGHT: 1.0 lbs.
TAP-18 ...... 18 pack ...... 39.95
SHIP WEIGHT: 2.0 lbs.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE
**Gel Printing Plates, Stamps and Molding Mats**

**Gel Printing Plate!  New Lower Prices!!!**

Gel Printing Plates look and feel like gelatin, but are durable, reusable and store at room temperature. They are easy to clean and always ready for printing. Monoprinting with fabric or paper on a Gel plate is simple and fun and works great with our PROfab Textile Paints. The gratification is immediate, and the prints are very cool!

**GPP8x10... 8" x 10" Gel Printing Plate... .24.95**
- **SHIP WEIGHT .... 1.5 pounds**

**GPPR ... 8 inch Round Circle...19.95**
- **SHIP WEIGHT .... 1.0 pounds**

**GPP12x14 ... 12" x 14" Gel Printing Plate ... 52.95**
- **SHIP WEIGHT ..... 3.5 pounds**

**GPP5X7 ... 5" x 7" Gel Printing Plate...15.95**
- **SHIP WEIGHT ..... 0.75 pound**

**GPP6x6 ... 6" x 6" Gel Printing Plate ... 14.95**
- **SHIP WEIGHT ... 0.75 pound**

**Gel Plate Printing Minis!**

Gel Plate Printing Minis are 3" shaped gel plates, engineered to be used for creating mosaic patterns with or without an acrylic mount.

**Available in 2 sets:** Circle, Triangle, Square & Rectangle, Oval, Hexagon!
- The possibilities are endless!
- Super sensitive surface to capture more texture and details.
- Easy to use and clean!
- Container included for easy storage
- Gel is made in the USA
- Non-Toxic / Latex Free

**Set 1 = Circle, Square and Triangle**
- **GPPMRST ..... 19.95**
- **SHIP WEIGHT ... 0.5 pounds**

**Set 2 = Oval, Rectangle & Hexagon**
- **GPPMORH..... 19.95**
- **SHIP WEIGHT ... 0.5 pounds**

**Gel Press Texture Combs**

“NEW” Set of two soft, durable texture combs with different designs on all four sides. Create quick easy and unique designs with these. Perfect for patterning on your Gel Press® monoprinting plates. Made from durable and flexible plastic. These texture combs are perfect for running through paint and mediums on a gel plate. Re-usable time after time! Easy cleanup with soap and water! Each comb measures 4.4" W x 2.8" H inches.

**GPPTC .... 9.95**
- **SHIP WEIGHT ... 0.75 pounds**

**Magic Stamps**

“Magic Stamps” Packages are sold in a 10 pack assorted stamp set, an 8 piece block set, or a 3 = 8x10 sheet set. Each stamp is 0.875 thick and comes with instructions and project ideas. MagicStamp is a wonderful material that allows you to mold your own foam stamps from any natural or man-made textured surface. MagicStamp can be reheated and remolded again and again. The molded image is quite durable but will disappear as you reheat the foam.

**MSAP...Asst. 10 pack...7.95**
- **SHIP WEIGHT .....½ pound**

**MSB.8...Pack of 8 blocks...8.95**
- **SHIP WEIGHT .....½ pound**

**MSS...8"x10"sheets...7.95**
- **SHIP WEIGHT .....½ pound**

**Blue Moldable Foam Stamps in smaller packages**

**MSB.2 ..........Pack of 2............$2.95**
- **SHIP WEIGHT ...0.15 pounds**

**MSB.4 ...........Pack of 4..........$4.95**
- **SHIP WEIGHT ...0.25 pounds**
T-Shirts
Gildan Adult Heavyweight Cotton T-shirt.
Pre-shrunk 100% cotton 5.3 ounce T-shirt.
Double-needle stitched neckline, sleeve and bottom hem.
Shoulder-to-shoulder taping. Seamless collar.

TSCPT - Sewn with polyester thread
NOTE: Add desired size after the Item Code

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<th>T-Shirt Poly Thread</th>
<th>S, M, L, XL</th>
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<tbody>
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<tr>
<td>TSCPT2 (2 shirts)</td>
<td>8.70</td>
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<tr>
<td>TSCPT3 (3 shirts)</td>
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<td>TSCPT5 (5 shirts)</td>
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<td>TSCPT7 (7 shirts)</td>
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<td>TSCPT8 (8 shirts)</td>
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<td>TSCPT9 (9 shirts)</td>
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<tr>
<td>TSCPT10 (10 shirts)</td>
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Cotton PFD Fabrics
100% cotton fabrics especially prepared for printing (PFP), dyeing and hand painting. These fabrics contain no sizing. However, we do recommend scoucing before dyeing to insure even dyeing.

SWATCROD ... Swatch Card with all five fabrics .................2.00

Cotton Sheeting We call this Style 100. It is bleached and mercerized muslin. Thread count is 78x76 and is 44’ to 45” wide, shrinking to 41” to 42” wide when washed.
S100 ... Cotton Sheeting, bleached and mercerized
SHIP WEIGHT ... 6 ounces/yard

Unbleached Cotton Sheeting This is a mercerized, unbleached muslin without any sizing. Thread count is 75x75 and is 47” wide.
S300 ... Unbleached Cotton Sheeting
SHIP WEIGHT ... 6 ounces/yard

Broadcloth Dense and absorbs dye well. It’s a little too dense for hand quilting but great for the machine. Thread count is 133x72 and is 44” to 45” in width.
S200 ... Broadcloth, bleached and mercerized
SHIP WEIGHT ... 7 ounces/yard

Silk Yardage
16mm Crepe de Chine - This silk has a slight texture to it, making it perfect for all kinds of wearable art and is 44” to 45” inches wide.
* Price per yard

<table>
<thead>
<tr>
<th>Item code</th>
<th>1 yard</th>
<th>5 yards*</th>
<th>10 yards*</th>
<th>25 yards*</th>
<th>50 yard bolt*</th>
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<td>16mm CREPE</td>
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Wool Fabric
100% natural colored wool - 60 inches wide
This latest primitive natural has random fibers of wool from darker sheep woven throughout for a great effect when dyeing or hooking as is.
NW.5 ...... ½ yard Natural Wool ......16.95   SHIP WEIGHT ... 8 ounces
NW-1 ...... 1 yard Natural Wool ......32.95   SHIP WEIGHT ... 1 pound

Prices subject to change without notice
**BOOKS**

**Exploring Fiber Reactive Dyes DVD**
*by Claire Benn* 7+ hours

For beginners who want to achieve great results from using fiber reactive dyes with both cloth (natural fibers) and other natural raw materials such as paper, reeds, caning (or even wood) as well as experienced fiber artists who want to improve their practice when working with fiber reactive dyes. 7+ Hours Video Instruction, 100+ page eBook with Recipes, Charts, and Guidelines, and 18 Learning Projects to ensure your success! List $48.00

DVDEFRD...Exploring Fiber Reactive Dyes ... 42.95

**Exploring Fiber Reactive Dyes Study Book**
*by Claire Benn* Spiral bound, soft cover, 96 pages

The perfect companion to the "Exploring Fiber Reactive Dyes" workshop. It contains all of the recipes, formulas, tips and tricks Claire highlights in the video workshop. This pre-printed version with a clear cover, spiral binding and sturdy backing is ready for use with the workshop and your fiber reactive dye projects. Concise and packed with information, it’s useful on its own! Includes 20 Recipe and Dye Chart Cards suitable for laminating or slip into clear sheet protectors for use in wet environments. List $28.00

BKEFSB ..... Exploring Fiber Reactive Dyes Study Book ... 24.95

**Gelli Plate Printing**
*by Joan Bess* Soft Cover, soft cover 144 pages

Artist Joan Bess, inventor of the concept of the Gelli Plate, unleashes the fun through more than 50 step by step techniques. Create intriguing patterns using tools like sponges, textured rollers and homemade combs. Learn how to incorporate stencils and rubber stamps. List price $24.99

BKGPP .....Gelli Plate Printing .....21.95

**Color by Design - Paint and Print with Dye, 2nd Edition**
*by Ann Johnston*, soft cover 165 pages

Color by Design - Paint and Print with Dye 2nd edition shows you how to dye cottons and silks in an incredible range of colors and patterns—without changing the feel of your fabric. Using every tool imaginable—from brushes, sponges, stamps, and blocks to rollers, sprays, silk screens, and more—you will discover an endless array of techniques. Right away you will be able to create your own distinctive marks and colors, and with practice, you will create intricate designs with confidence and spontaneity. The updated Second Edition includes two all new chapters about mixing and dyeing blacks and about preparing and using corn and potato dextrin, the most versatile water-soluble resists. List $35.00

BKCBDSED ..... Color by Design: Paint and Print with Dyes, 2nd edition ..... 30.95

**SHIBORI (Designs & Techniques)**
*by Mandy Southan* Soft Cover, 96 pages.

SHIBORI (Designs & Techniques) by Mandy Southan takes the art of Shibori, in which fabric is bound, clamped or stitched before dyeing, and goes beyond the traditional blue and white to create fabrics in a fabulous array of colors, patterns and textures. List price $19.95

BKSDT ... Shibori (Designs & Techniques) .....17.95

**SHIBORI: The Inventive Art of Japanese Shaped Resist**
Soft cover, 301 pages

This book teaches you the various methods of patterning cloth by pinching, twisting, stitching, folding, pleating and wrapping on a pole. You can use almost all of our dyes with these techniques. List price $48.00

BKSHB ......SHIBORI: The Inventive Art of Japanese Shaped Resist ...... 42.95
BOOKS

**Dyes & Paints**  
*by Elin Noble*  
Soft cover, 164 pages.  
This is a comprehensive handbook that covers the fundamentals of using MX Fiber Reactive dyes and textile paints. Step-by-step dye and paint procedures cover fool proof ways to permanently pattern fabric. It includes 17 basic dye procedures from immersion dyeing to direct application, color mixing, troubleshooting, and safety information.  
List price $34.95  
BKPEN ................. Dyes & Paints ..........SALE ....14.95  
SHIP WEIGHT ... 2 lbs.

**Stitched Shibori**  
*By Jane Callender*  
Soft cover, 176 pages  
This book is a beautiful, practical guide to stitched shibori containing both traditional and innovative techniques, a comprehensive guide to dyeing and an inspirational collection of Jane’s work. List price $35.00  
BKSS ......... Stitched Shibori .... 30.95  
SHIP WEIGHT.... 1.8lbs.

**Color Grid**  
*by Gail Callahan*  
Take the mystery out of selecting color. With the Color Grid, you are four steps away from creating the perfect color combination:  
1. Choose your favorite color  
2. Identify that color’s close relatives  
3. Add a spark to give it life  
4. Use the color combinations you discover in your art projects, your home, your garden - wherever color counts.  
CGRID ....... Color Grid ......7.95  
SHIP WEIGHT .... 0.13 lbs.

**Fabric Surface Design**  
*by Cheryl Rezendes*  
Soft Cover, 320 pages  
Become your own fabric designer and you’ll open the door to a world of quilting and sewing possibilities. Fiber artist Cheryl Rezendes demonstrates more than 80 fabric-printing techniques using fabric crayons and a variety of different textile paints -- easier and cleaner to work with than dyes.  
List Price $29.95  
BKFSD .....Fabric Surface Design ....26.95  
SHIP WEIGHT .....2.5 lbs.

**BOOKS - Dyeing Wool**  
**Hand Dyeing Yarn and Fleece**  
*by Gail Callahan*  
Spiral bound, 168 pages  
In *Hand Dyeing Yarn and Fleece*, self-taught dyer Gail Callahan uses fiber, color, and heat to create exciting new yarns and yarn colors. Standard kitchen equipment is all that’s needed to set up a kitchen dye shop. Adventurous dyers will find instructions for designing self-striping and multicolored yarns with dip-dyeing, tie-dyeing hand-painting, and other inventive techniques. List price $18.95  
BKHDFYAF .... Hand Dyeing Yarn and Fleece ..... 17.95  
SHIP WEIGHT ....... 3.25 pounds
**DVDs - Dyeing**

**Itajime Shibori DVD by Ana Lisa Hedstrom**

In this 140 minute two disc instructional DVD, ITAJIME SHIBORI, Ana Lisa Hedstrom continues her explorations in Japanese textile methods. From the very basics of folding and clamping to more advanced techniques of silk scouring and carved stamps, Ana Lisa shows how to achieve some wonderful traditional and contemporary results.

**DVDIS ...Itajime Shibori DVD ...52.00**
**SHIP WEIGHT ..........0.5 lb.**

**Arashi Shibori: Language of Stripes DVD by Ana Lisa Hedstrom**

In this 2 ½ hour two disc instructional DVD, Ana Lisa Hedstrom gives a complete course on the techniques of Japanese Arashi Shibori pole wrapping. Using PVC pipes and string, she guides the viewer through the basics to advanced techniques producing beautiful patterns and pleats for clothing, accessories, and art textiles. She displays fascinating vintage Arashi textiles and contemporary work from her own archives.

**DVDALOS ...Arashi Shibori DVD ...48.00**
**SHIP WEIGHT ..........0.5 lb.**

**Arashi Shibori II: New Patterns and Possibilities DVD by Ana Lisa Hedstrom**

ARASHI II: New Patterns & Possibilities" Ana Lisa Hedstrom goes beyond her first Arashi DVD by offering up some creative and innovative ways to wrap fabric on the pole. Workshops include distorting fabrics, pulling out folds, pleating, reverse twists and woodgrain, and even fulling wool gauze for wearables and surface design.

**DVDAII ... Arashi Shibori II ... 32.00**
**SHIP WEIGHT ..........0.5 lb.**

**Stitch Resist Reconsidered DVD by Ana Lisa Hedstrom 2½ hour**

In this 2 1/2 hour DVD, Ana Lisa Hedstrom presents a variety of ways to create exciting, multi-dimensional stitch-resist patterns and pleats for art clothing, quilts, and art textiles.

In DISC ONE, Ana Lisa demonstrates hand stitching methods and techniques to achieve successful designs on a variety of fabrics. In DISC TWO, she incorporates the sewing machine and smocking pleater to produce contemporary machine-aided adaptations of stitch resist.

**DVDSRR .... Stitch Resist Reconsidered DVD ... 48.00**
**SHIP WEIGHT .......0.5 lb.**

**Color By Accident: Exploring Low Water Immersion Dyeing DVD with Ann Johnston**

Color by Accident: Exploring Low-Water Immersion Dyeing is an extension of the techniques Ann introduced in her ground-breaking book, Color by Accident: Low-Water Immersion Dyeing. In an orderly progression of topics with over 250 samples of fabric and 17 live demonstrations, Ann teaches how and when to vary her basic method, including how to:

1. mix colors without exact recipes
2. create a smooth value gradation across one piece of fabric
3. manipulate the fabric to create many different textures
4. manage large pieces of fabric in small spaces
5. see the differences in the single-chemical dye colors
6. adapt the Procion MX dyes to silk
7. follow up with your own explorations with dyes

**DVDCBA .... Color By Accident DVD ... 49.95**
**SHIP WEIGHT .......0.5 lb.**
Glossary

**Alum**: aluminum sulfate - granular form. Acts like a magnet transferring Marbling Colors from Methyl Cel base to the fabric.

**Ammonium Sulfate**: A mild acid forming salt used with WashFast Acid Dyes. Used to insure leveling for light to medium shades. Comes in a granular form.

**Anti-Chlor Concentrate**: A sodium bisulfite compound used to neutralize residual chlorine when removing color with hypochlorite bleach. Good ventilation is necessary as is the use of a respirator with Acid Gas cartridges.

**Base Extender**: Mix with color concentrates to make textile paints for screenprinting, hand painting or stenciling. Can also be added to PROfab Textile Paints to make pastel shades.

**Carrier NSC**: Liquid auxiliary required to dye dark colors on polyester with PROdisperse Dyes. Allows the polyester to be dyed at a boil with maximum color yield. Good ventilation is mandatory as is the use of a respirator.

**Citric Acid Crystals**: Preferred substitute for Acetic Acid 56%. Use 1 teaspoon to replace 1 teaspoon Acetic Acid 56%. Comes in granular form.

**Chem Flakes**: Sodium Salt of m-Nitrobenzene Sulfonic Acid, also known as Ludigol. A mild oxidizing agent that prevents reduction of Reactive Dyes during the curing and setting stage of printing and hand painting. It is necessary with H Dyes and optional with MX and F Reactive Dyes.

**Colorless Extender**: A marbling color without the color. Use colorless extender as a marbling color if you want your fabric color to be part of the design. It is also used to slow the spread of fast colors.

**Corn Dextrin**: Works as a paste resist with Reactive Dyes. Different visual effects are possible by applying the resist using a squeegee, rubber stamp, stencil or spatula. Corn dextrin is not suitable for immersion dye baths.

**Dye Activator**: The recommended pure alkali powder for use with all reactive dyes on cotton and cellulose fibers. Also used along with Synthrapol to scour fabric.

**Fix OR**: Liquid fixative necessary when dyeing nylon or wool carpets with WashFast Acid Dyes.

**Glauber Salt**: sodium sulfate. Use in place of common salt when dyeing wool, nylon and silk with acid dyes. May also be used with reactive dyes, especially turquoise, to increase color yield.

**Glycerin**: a clear, colorless syrupy liquid used when printing with Vat Dyes or making Develop paste for the burnout process.

**Sicur Gum**: An industrial gum used to thicken the burn out/develop paste during burn out processes. Won’t break down under strong acid conditions.

**Gutta**: French for “resist,” which forms a barrier on the fabric to create a pattern. It may be water soluble (water based gutta and Sabra Silk Resist) or solvent soluble (solvent based gutta) or a heat fixed resin (pigmented gutta).

**Lo Crock Binder**: Concentrated binder to hold Color Concentrates on the fabric. Mix 3 cups water and 1 cup Lo Crock Binder.

**Lye**: sodium hydroxide. Strong alkali used with Vat dyes and Indigo. Wear protective clothing when mixing Lye and have good ventilation. Always add Lye to cold water !!!

**Marbling Surfactant**: Liquid added to marbling colors that tend to sink into the Methyl Cel base. Add two to three drops, shake, and test. Add marbling surfactant until color floats properly.

**Metaphos**, **Methyl Cel M112**: methylcellulose. Clear efficient base for floating colors when marbling. Once mixed, it can last up to 4 months.

**Monogum**: Modified starch gum. Is the only thickener for discharge printing with hypochlorite bleach (Clorox).

**No-wick HE**: Use with Liquid Decorator Colors to enable fine line drawing. Mix ½ teaspoon in every 2 ounces of Liquid Decorator Color.

**Pot Ash**: potassium carbonate. A replacement for dye activator or soda ash. Used as the dye fixative for Liquid Reactive Dyes.

**Potassium Aluminum Sulfate**: Potassium aluminum sulfate is the mordant most frequently used by natural dyes for animal fibers, however it can also be used on plant fibers. This finely ground form of alum is free from impurities and does not contain iron. We recommend using this at 15-25% WOF (weight of fiber) for mordanting your fiber.

**Potato Dextrin**: This paste resist produces lace like patterns and the crackle lines similar to batik, without the use of wax. Potato dextrin is not suitable for immersion dye baths; direct application techniques are recommended.

**Print Paste Mix F**: A mixed formula in dry form containing Urea, Thick F and Metaphos, in exact proportions so that only water is needed. Use for silk, nylon & synthetics especially when fine line definition is required.

**Print Paste Mix SH**: A mixed formula as noted above, but made with Thick SH. Used primarily for cotton and other cellulose fibers, but works great on silk if fine line definition is not critical.

**PROsoft K**: Removes the stiff and unyielding hand from dyed and painted fabrics. It is a semi-permanent and fragrance free fabric softener. Use PROsoft K on cotton, silks and synthetics. It does not discolor the fabric.

**Soda Ash**: sodium carbonate. Use as an alkali fixative for reactive dyes.

**Sodium Acetate Crystals**: An acid forming salt that acts as a leveling agent for Sabraset dyes.

**Sodium Bisulfate**: sodium acid sulfate. Colorless to white crystals that form a very strong acid when dissolved in water. Use to burn out cellulose from cotton and cotton blend fabrics. It is corrosive to skin & eyes in solution.

**Sodium Bisulfite**: See Anti-Chlor Concentrate.

**Synthrapol LF**: A low foaming version of Synthrapol.

**Synthrapol SP**: A concentrated liquid wetting agent and surfactant compatible with all dye classifications. Use with PRO Dye Activator to scour fabric before dyeing (see page 28). Also recommended for the final hot wash of reactive dyes. May also be added to the dye bath to improve leveling.

**Span A**: Fixative for Pigment Dyeing, used with PROfab Color Concentrates.

**Span B**: Softener for Pigment Dyeing, used with PROfab Color Concentrates.

**Treat B-4**: Required pretreatment for Pigment Dyeing with PROfab Pure Color Concentrates.

**Thick F**: Low viscosity, high solids sodium alginate thickener for all reactive dyes. Primarily used for silk, wool & synthetic fabrics when fine line definition is important.

**Thick SH**: High viscosity, low solids sodium alginate thickener for all reactive dyes. Primarily used for cotton. May also be used for silk and synthetics when type of pattern painted or printed does not require fine line definition as in block printing.

**Thiox**: thiourea dioxide. A safe replacement for sodium hydrosulfite in vat dyeing, discharge printing, and general color stripping on cellulose and protein fibers. Non flammable. Shelf life is about two years, if stored in a dry location. Five times stronger than sodium hydrosulfite.

**T.S.P.**: tri-sodium phosphate. A strong alkali that contains phosphates.

**Urea**: A synthetic nitrogen compound used as a humectant in printing and painting with all classes of dyes. It also increases the solubility of the dyes.

**Wool Assistant SBS**: A sodium bisulfite compound formulation added to the dye bath when dyeing wool with Fiber Reactive Dyes. Allows for a more uniform dyeing not otherwise obtainable. Use a respirator with Acid Gas cartridges while working with this in powder form.
Studio Safety & Guidelines

The products listed in our catalog are considered relatively non-toxic but it is best to avoid unnecessary exposure. Keep in mind that they are industrial chemicals and not intended for inhalation or ingestion. We encourage teachers to advise students about safety precautions and proper use of safety equipment, clean work habits and responsible use of products. All artists should use the following safeguards:

- Do not eat, drink, or smoke in areas where dyes and chemicals are used.
- Work in a well-ventilated area.
- If you experience an adverse symptom to anything, move away from the area to fresh air. If the symptoms persist, stop using the product & consult your physician.
- Wear a disposable dust/mist respirator if you dye fabric occasionally. If you dye fabric on a regular basis wear a MSHA/NIOSH approved respirator with cartridges for dusts, mists, and fumes. Disposable dust/mist respirators don’t help with fumes.
- Even though dyes are not absorbed by the skin you should wear rubber gloves, old clothes or protective clothing, and even old shoes.
- Wear goggles when working with corrosive chemicals such as acetic acid and lye (you only have one set of eyes).
- Contact lens wearers should be careful around powders to avoid eye irritation.
- Cover your work area with dampened newspaper. Weigh and mix dyes and other powders with local exhaust ventilation or use a mixing box. See Helpful Information at right.
- Do not mix powders near furnace or air conditioner intake pipes.
- Use appropriate utensils to stir solutions and dye baths. If you use food utensils as dyeing tools don’t reuse them for food preparation.
- Avoid exposure to dye powders, auxiliary chemicals and vapors during pregnancy or lactation.
- Avoid prolonged contact with the skin.
- Vacuum floors and surfaces, do not sweep.
- Keep dye and auxiliary containers closed and in a cool dry place, away from food and out of the reach of children when not in use.
- Wipe up spills immediately. Liquid dye dried to a powder can be accidentally inhaled or ingested.
- Label dye container with purchase date to insure out of date dye is not used. See page 28 for shelf life information.
- Clearly label all solutions and containers of powder. Do not remove the supplier’s name or hazard warning labels.
- Always add acid to water.
- Always add Lye to cold water.

Disposal

Quantities of dyes and auxiliary chemicals used by home dyers rarely exceed limits set for disposal in municipal or even septic systems. Concentrated highly acidic or alkaline waste water can upset the balance of a septic system. The amount of rinse water used for a normal dye bath is sufficient to dilute your dye bath for disposal purposes. Therefore, waste water disposal should not be a problem. If you have questions about disposal contact your local board of health for guidelines specific to your area.

Clean Up

Clean up work area with damp sponge and towels. Remove dye stains with a household cleaner containing bleach. Do not use bleach to remove dye stains from hands. Instead use a specifically designed hand cleaner - ReduRan (see pg. 17). While hands are dry, rub a small amount of hand cleaner on hands and work in well. Add a small amount of water and work until dye residue is loosened. Wash off thoroughly with soap and water and dry hands. Repeat as necessary.


Helpful Information

How to make a mixing box

Cut off the top and one side of a 10"x10" cardboard box. Cut a stack of newspapers the size of the inside dimensions and place them inside the box. Dampen the surface of the newspaper with a sponge or spray bottle filled with water. Measure dye or auxiliary powder and dissolve it with water. Once the powder is mixed with water, carefully roll up the top sheet of newspaper and discard. This way any excess powder that falls on the damp newspaper does not blow around.

Wax

Waxes pose a specific set of safety concerns. Read and follow the guidelines below before batiking with hot wax.

- Always use proper ventilation in your work area. Create a local exhaust system by putting a portable exhaust fan in a window, so it pulls air from the room to the outside.
- Heated wax releases irritating chemicals including acrolein and aldehydes. There is no approved MSHA/NIOSH filter for acrolein. A respirator is not a substitute for good ventilation.
- Heat wax to the lowest temperature at which it remains liquid.
- Hot wax is a fire hazard. Do not leave it unattended.
- Wax forms potentially hazardous vapors at high temperatures and may ignite. Do not use open flames, such as a gas or propane burner, to heat wax. Instead use a crock pot or electric fry pan with a temperature control.

California Proposition 65

California Proposition 65 is a labeling act that requires a special label on products that contain (in any amount) any chemical which is known to the State of California to cause cancer. Many household items including rubbing alcohol and some bug sprays are on the list, as well as car exhaust and cigarette smoke. You may find this label on a few of our products because they contain trace amounts of alcohol and formaldehyde which are on the Prop 65 list.

Safety Data Sheets

We have SDS (Safety Data Sheet) on all our products. This information sheet details precautions, potential health hazards, and clean up information for industrial/applications. Free copies are available upon request for each item purchased.

Water Drop Test

Just because your fabric is PFD (PF) does not mean that it’s ready to dye or paint on. This simple test will save hours of troubleshooting and varied results. Take an eye dropper of plain water and place one drop of water on your fabric. If the drop of water absorbs into the fabric without hesitation, you will have good results with dyes and fabric paints. If the drop of water hesitates before it’s absorbed or just “beads” on the surface and is not absorbed, it is an indication that the fabric needs to be scoured and/or it may have a finish on it. Follow our directions for the Perfect Scour, on Page 30, and you will be one step ahead for getting the best color yield.
Useful Information

Directions

We have directions for many different techniques, just ask for them. We do not automatically send them. For all our directions at your finger tips, check out www.prochemicalanddye.com.

Shelf Life

The length of a product's 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.

<table>
<thead>
<tr>
<th>Product</th>
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<tr>
<td>PRO MX Reactive Dye</td>
<td>2 years</td>
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<tr>
<td>DYE IT!</td>
<td>without fixative, 7-10 days</td>
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<tr>
<td>Sabracron F Reactive Dye</td>
<td>2 years</td>
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<td>Liquid Reactive Dye</td>
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<tr>
<td>PRO H Reactive Dye</td>
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<td>One Shot Color It! by G&amp;K Craft</td>
<td>use it as long as it can be dissolved</td>
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| WashFast Acid Dye           | use it as long as it can be dissolved | 6 months (WF 351 will thicken over time, heat it to dissolve before measuring.)
| (also known as Nylomine Dyes)|                     |
| Sabraset Dye                | use it as long as it can be dissolved | 6 months
| PROsperse Disperse 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

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<td>All paints: PROfab Textile Paint, Color Concentrates, Setacolor, Setasilk, Marbling, and Liquid Decorator</td>
<td>These products have an indefinite shelf life as long as they are kept air tight at room temperature, with the cover firmly tightened.</td>
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Black Advice

Our PRO MX Fiber Reactive (Procion) blacks all have a slightly different cast, when doing a standard immersion dye bath (not low water immersion or tie dye).

PRO Black 602A has a greenish cast
PRO Black 604 has a fairly neutral cast
PRO Black 628 has a reddish cast
PRO Black 629 has a fairly neutral cast
PRO Black 610* is an olive green when not dyed at 125F. * For best results, dye at 125°F (52°C)

PLEASE NOTE: Our blacks are purchased or mixed to be dyed as a black in an immersion dye bath. They are not tested as a grey and could vary from lot to lot when used to dye a grey.

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°C × 1.8 = 63; 63 + 32 = 95°F.

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.
**PR Chemical & Dye**  
126 Shove Street  
Fall River, MA  02724  
1-800-228-9393  www.prochemicalanddye.com

Orders and order status inquiries dial 1-800-2-BUY-DYE (800-228-9393)  
Fax to 1-508-676-3980 - Technical assistance call 1-508-676-3838

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TAP - Transfer Artist Paper
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