

SPEEDBALL **COLLEGE**

SCREEN PRINTING

Speedball®

DEMO PROGRAM

SPEEDBALL COLLEGE

Notes

SCREEN PRINTING FRAMES



WOOD FRAMES:

- Professional-grade polyester fabric (monofilament)
- Best for graphic and textile printing
- (5) sizes
- 85 & 110 mesh counts



WOOD FRAMES BASE UNIT:

Screen frame & fabric along with base attachment, hinges and kick leg.



ALUMINUM FRAMES:

- Highest-grade aluminum with precisely-woven mesh
- Best for graphic and textile printing
- (4) sizes
- 110, 155, 230, 305 mesh counts
- Screen structure: aluminum



MESH ROLLS:

Precisely-woven fabric excellent for a variety of substrates. Tailored specifications with no surface treatment.

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MELLOW YELLOW

YELLOW SCREEN MESH ALLOWS FOR LESS LIGHT TO BOUNCE AND MORE DIRECT LIGHT CONTACT THAN WHITE MESH.

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Notes

DRAWING FLUID + SCREEN FILLER



Drawing Fluid & Screen Filler:

These two high-quality Speedball products work together to create a painted stencil on your screen and are ideal for use on designs that feature detailed hand-drawn images or those possessing a "painterly" quality. Both products carry the AP Seal.



Speed Clean™:

Highly effective screen cleaner. Designed for the removal of Speedball Screen Filler to properly reclaim a screen.

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PHOTO EMULSION



 **DEMO**

Diazo Photo Emulsion:

Delivers professional-grade results without the need for expensive equipment and darkrooms. For use with any water-based or solvent-based ink and can be easily removed with Speedball's Photo Emulsion Remover.



Photo Emulsion Remover:

Designed specifically for the removal of Speedball Diazo Photo Emulsion to properly reclaim a screen.

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Notes

SQUEEGEES



CRAFT SQUEEGEE:

- **Graphic Squeegee:** best for graphic applications
- **Fabric Squeegee:** best for fabric applications



RED BARON™ SQUEEGEE:

- Ideal for beginner & classrooms
- Dual - edge
- Size: 9 inch



NITRILE SQUEEGEE:

- Ideal for printing on fabric
- Handle construction: Hardwood
- Blade construction: Nitrile rubber
- Durometer: 65
- (5) Sizes



URETHANE SQUEEGEE:

- Ideal for printing high-usage applications
- Handle construction: Poplar wood
- Blade construction: Urethane rubber
- Durometer: 70



NEOPRENE SQUEEGEE:

- Ideal for printing short print runs of graphic images onto paper, cardboard or wood
- Handle construction: Hardwood
- Blade construction: Neoprene rubber
- Durometer: 70
- (5) Sizes

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Notes

ALL INKS
CARRY THE
AP SEAL



SCREEN PRINTING INKS



ACRYLIC INKS:

- Beginner to expert
- Prints paper, wood and cardboard
- (27) colors, including fluorescents & Night Glo™ colors
- Soap and water clean-up



PROFESSIONAL ACRYLIC INKS:

- Expert
- Great for paper, wood + cardboard
- Resists scuffing, with a higher sheen
- Soap and water clean-up



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**WE HEARD
YOU!**

ARTISTS ASKED,
WE DELIVERED

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Notes

ALL INKS
CARRY THE
AP SEAL



SCREEN PRINTING INKS *(cont'd)*

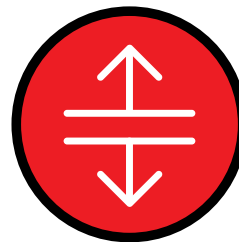
FABRIC INKS:

- Beginner to expert
- Prints on fabrics, paper and cardboard
- Wash-fast on fabric with proper heat-set
- (25) colors, including fluorescents & glow-in-the dark colors
- Soap and water clean-up



OPAQUE FABRIC INKS:

- Beginner to expert
- Prints paper, wood and cardboard
- Best for printing on dark fabrics
- (10) colors
- Soap and water clean-up



MATERIAL GIRL

BOTH ACRYLIC AND FABRIC
CAN BE USED ON PAPER - BUT
ACRYLIC CAN'T GO ON FABRIC!

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MEDIUMS



Acrylic Extender Base:

Formulated to create a more transparent base. Mix in with any of the Speedball Acrylic Inks in any proportion to achieve desired level of transparency.



Fabric & Acrylic Transparent Base:

Formulated to create a more transparent color. Only 10-15% mixture is recommended.



Fabric & Acrylic Retarder Base:

Formulated to slow the ink's drying time.



Gloss Overprint Varnish:

Acrylic-based varnish that preserves against scuffing, weathering, and water when screened over prints.

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SCREEN PRINTING KITS



Beginner Paper

Stencil Kit: Introduces a new user to the concept of screen printing via the cut paper stencil method with key/basic screen printing tools.

LEVEL **1** | Paper



Introductory Kit:

Introduces a user to the method of drawing fluid & screen filler with the introduction of liquids in addition to providing the tools for the cut paper stencil method

LEVEL **1** & **2** | Paper & Fabric



Intermediate Kit:

Presents the user the option of the drawing fluid & screen filler method while introducing the ever-popular photo emulsion method.

LEVEL **2** & **3** | Fabric

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SCREEN PRINTING KITS



Essential Tools Kit:

Provides project variety with chemicals for Drawing Fluid + Screen Filler and Photo Emulsion methods.

LEVEL 2 & 3 | No Ink



Intermediate Deluxe Kit:

Advances the user by introducing a frame and base to aid in registration and multiple printing projects. Provides project variety with chemicals for Drawing Fluid + Screen Filler and Photo Emulsion methods with both ink types.

LEVEL 2 & 3 | Fabric & Paper



Advanced All-In-One Kit:

Provides user all the tools required to complete the photo emulsion method from start to finish, including the light source.

LEVEL 2 & 3 | Fabric

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SCREEN PRINTING COMPETITORS



For over 35 years, Jacquard Products has been the leading manufacturer of artist materials for fabric. Family owned and operated, we are committed to offering top-quality materials at great value, all manufactured here

in Northern California, to commercial studios, professional artists & craftspeople, home crafters, do-it-yourselfers, kids & hobbyists.



Union Ink has been focused on developing newer and better screen printing inks since 1931. For more than 80 years, Union has continued to develop new products to meet the exacting

demands of the screen printers. Union Ink continues to be a leader in the screen print industry with the development of unique and special effects inks.

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Ryonet®

Ryonet® was conceived in 2004 out of a punk band's need for more tour money, birthed into the wild of the early eBay market space, and raised to its current status as a leader and innovator in the screen printing industry by an insatiable team of hard working printers, led by the fearless and spikey-haired Ryan Moor.

Permaset®

Founded in 1958, Colormaker Industries is an environmentally responsible manufacturer of quality surface coatings. Colormaker's success is founded on dedication and commitment to developing industry-leading products through extensive research and development as well as a focus on sustainable business practices. Australian and privately owned since foundation, Colormaker has developed numerous innovative coatings product

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SCREEN PRINTING FAQs

1. **Can I print with any of Speedball inks on glass or plastic?** Unfortunately, this is not recommended if you are seeking permanency of the ink on the chosen substrate; the ink will print, but will not remain permanent against normal wear & tear!
2. **Can I print Night Glo™ and Fluorescent colors on dark fabric?** Yes, but please note the ink will not have the same glow or intensity as it would on a lighter fabric.
3. **How long can I keep my screen coated with Photo Emulsion in a dark place?** You can leave your coated screen unexposed in a dark place out of direct light and heat for 1-2 weeks.
4. **How do you recommend heat setting Speedball Fabric Screen Printing Inks on my fabric?**
 - Good news- our inks can be heat-set with just your standard household iron! Check the iron settings and match them to the type of fabric you printed on.
 - Our inks should only be used on fabrics that can be subjected to temperatures of at least 275°-375°F. Do not use on nonporous fabrics such as nylon.
 - Simply place a piece of copy paper over your printed design and cure with the iron for 1- 2 minutes.

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