

USING QUICK SILVER

The developing agent in QUICK SILVER is pyrazolidone-hydroquinone, which permits very accurate control of print density, contrast, and color.

COLOR:

QUICK SILVER gives B&W print tones a distinctive neutral color which does not vary from highlight to shadow nor with development time (unlike metol-hydroquinone solutions). QUICK SILVER gives warm-tone papers a more neutral color than other developers.

CONTRAST & DENSITY:

QUICK SILVER develops all images tones at a constant rate. Therefore overall print density increases with development, but contrast (the relative difference between highlight and shadow density) does not vary. Overall density may be controlled by exposure and/or development. Color and contrast are determined only by the type of paper and grade of filtration.

Directions on this label are for processing B&W prints with QUICK SILVER and two other SPRINT concentrates. Mix working solution in any volume by diluting 1:9 with water: one liter of each concentrate will make 10 liters of working solution, enough for six hundred 8x10 fiber prints or nine hundred 8x10 resin-coated prints.

PROCEDURE STEPS FOR B&W PRINTS

Step 1:	Develop	30 Sec - 3 Min (See EXPOSURE & DEV.)
Step 2:	Stop	5 Seconds
Step 3:	Fix	1 Minute(s)
Step 4:	Water Wash	10 Minute(s)

Agitate continuously in all steps. For maximum shadow density, move prints at least 2-3 inches per second through developer.

Drain for 5 seconds between each step. Solutions may be used at any temperature between 18-30°C / 64.5-86°F.

HOW TO MIX

Dilute QUICK SILVER Print Developer Concentrate 1:9 with water to make the desired volume of Working Solution.

FOR EXAMPLE:	100ml QUICK SILVER Print Developer Concentrate
	+ 900ml Water
	1000ml QUICK SILVER Print Developer Working Solution

Dilute BLOCK Stop Bath and RECORD Speed Fixer concentrates 1:9 (see labels). When equal volumes of each solution are used, BLOCK Stop Baths indicator will signal the simultaneous exhaustion of all three baths.

ALTERNATE DILUTION

Visit our website at www.sprintsystems.com

WATER WASHES

Minimum water wash time for commercial purposes is 10 minutes for fiber-based prints, and 3 minutes for resin-coated prints. For thorough washing to archival specifications, please refer to the ARCHIVAL PROCEDURES described in the instructions for using ARCHIVE Fixer Remover.

EXPOSURE & DEVELOPMENT

Once immersed in QUICK SILVER, most RC prints will develop to their final contrast and color characteristics within a range of 30-60 seconds and then continue to increase in overall density only. Most Fiber prints will develop to their final contrast and color characteristics within a range of 1:30 - 3:00 minutes and then continue to increase in overall density only. Within five times the minimum development time, density will increase by approximately 1 full stop in fiber prints or 1/3 stop in resin-coated papers. Development may continue past this point but the density increase will be slight and safelights may fog prints. Development for less than the minimum time will result in flat, uneven density. Prints which require very long development to reach desired density are underexposed. In most cases it is practical to adjust exposure so that the print develops to the desired density within 1-4 minutes, at any temperature 18-25°C / 64.5-77°F.

CAPACITY & TRAY LIFE

One Liter of QUICK SILVER Print Developer 1:9 working solution will process at least sixty 8x10 fiber prints or ninety 8x10 resin-coated prints.

Deeper solution has a longer tray life. After 12 hours per inch depth of working solution, QUICK SILVER's activity slows to double the Minimum Development Time, but contrast and color activity remain the same within capacity.

SHELF LIFE

Stored at 25°C / 77°F or lower, QUICK SILVER Print Developer has the following shelf life:

Concentrate	at least	Diluted 1:9	at least
Unopened	12 Months	Unused, full container	1 Month
Opened, full container	6 Months	Used, full container	1 Week
Opened w/ up to 25% air	3 Months	Used w/ up to 25% air	72 Hours

Storage for longer times or under less favorable conditions will reduce the capacity by 50% or more.

DANGER: CONTACT MAY CAUSE PERMANENT EYE DAMAGE AND SKIN BURNS. MAY CAUSE OR AGGRAVATE ASTHMA. MAY CAUSE AN ALLERGIC OR RESPIRATORY REACTION. VAPOR/MIST MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONS

Do not get in eyes, on skin or on clothing. Do not swallow. Avoid breathing vapor or mist. Wear chemical resistant GLOVES AND APRON (Neoprene, butyl rubber) and safety glasses with side shields or chemical goggles. Ensure darkroom is ventilated with an exhausted fan to remove vapors. Wash thoroughly after handling, and before eating, drinking or smoking.

HANDLING, STORAGE & DISPOSAL

Keep container closed when not in use. Store away from acids, oxidizers, organics, metals, and incompatible materials, in a cool, well-ventilated area. Absorb spills with kitty litter, sand or earth and package in a suitable container for disposal. Do not reuse container.

FIRST AID

For Eye / Skin Contact:

Immediately rinse eyes and/or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Flush eyes for an additional 15 minutes if medical help is delayed.

For Inhalation:

Remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, give oxygen.

For Ingestion:

DO NOT induce vomiting. Give victim a glass of water. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

WARNING: KEEP OUT OF REACH OF CHILDREN

For more information, read the Material Safety Data Sheet which may be obtained from your supplier or on the web at www.sprintsystems.com.

Conforms to ASTM D 4236.

EMERGENCY Telephone Number: ChemTel 1-800-255-3924, or contact a physician or your local Poison Control Center.

LIMITED WARRANTY

Sprint Systems will not be responsible for any harmful effects caused by swallowing or inhaling the contents of any Sprint chemical, or by contact of Sprint chemicals with skin or eyes. Warranty limited to replacement of Sprint products if defective in manufacture, labeling or packaging.

SPRINT[®] QUICK SILVER[™]



PRINT DEVELOPER

FOR BLACK AND WHITE PRINTS WITH BRILLIANT NEUTRAL TONES
DILUTE 1:9 WATER