

For Toning Prints

This formula was for toning Milton's prints. It hung on the darkroom wall along side the Beers Formula.

While toning is a nice effect that enhances the mood or impression, from subtle to extra-ordinary on black and white photos it, more importantly, extends the life of the print image during display or storage. Toning converts the black and white silver image to an inert compound, which reduces the harmful effects of intense light, ultraviolet radiation, oxidizing gases, extremes of temperatures, humidity and fumes.

With toners you could also enhance the maximum density in the image with little or no change in the tone.

Follow this link to a Kodak tech pdf sheet:

<http://www.kodak.com/global/en/professional/support/techPubs/g23/g23.pdf>

(The wall chart misspells Selenium)

From Photographic Possibilities:

He most likely used Kodak Rapid Selenium Toner as a prepared single-solution toner that can be used to make purplish brown to reddish brown colors on neutral- and warm-tone papers. Rapid Selenium Toner converts the silver image into brown silver selenide and causes a slight increase in print density and contrast. The increased density is more noticeable in the highlight areas, while the increased contrast is more noticeable in the shadow areas. To compensate for these characteristics, a slight reduction (often less than 10 percent) in development time may be necessary.

The starting dilution rate for Rapid Selenium Toner is 1:3 (1 part toner to 3 parts water).

The normal toning time range is 2–8 minutes. Diluting the toner 1:9, 1:20, or 1:30 slows the toning action, producing a variety of intermediate effects, and is easier to control. Very subtle effects and protective benefits against atmospheric gases can be achieved by diluting

1 ounce of Rapid Selenium Toner to a gallon of water and toning for 8–15 minutes. Allow for the fact that toning will continue for a brief time in the wash. A faint smell of sulfur dioxide may be noticeable when you are working with this toner. After toning is complete, treat the print with a washing aid and then wash for 1 hour.