

TAILING ?
No Repeatability ?
Long wash - off time ?

BUFFERON PB

Soft Alkali for CPB Dyeing

BUFFERON PB

Conventional alkali fixation chemicals for CPB dyeing;

Silicate / NaOH or

Na₂CO₃ / NaOH

are very harsh, hence hydrolyzes the reactive dye very rapidly, resulting;

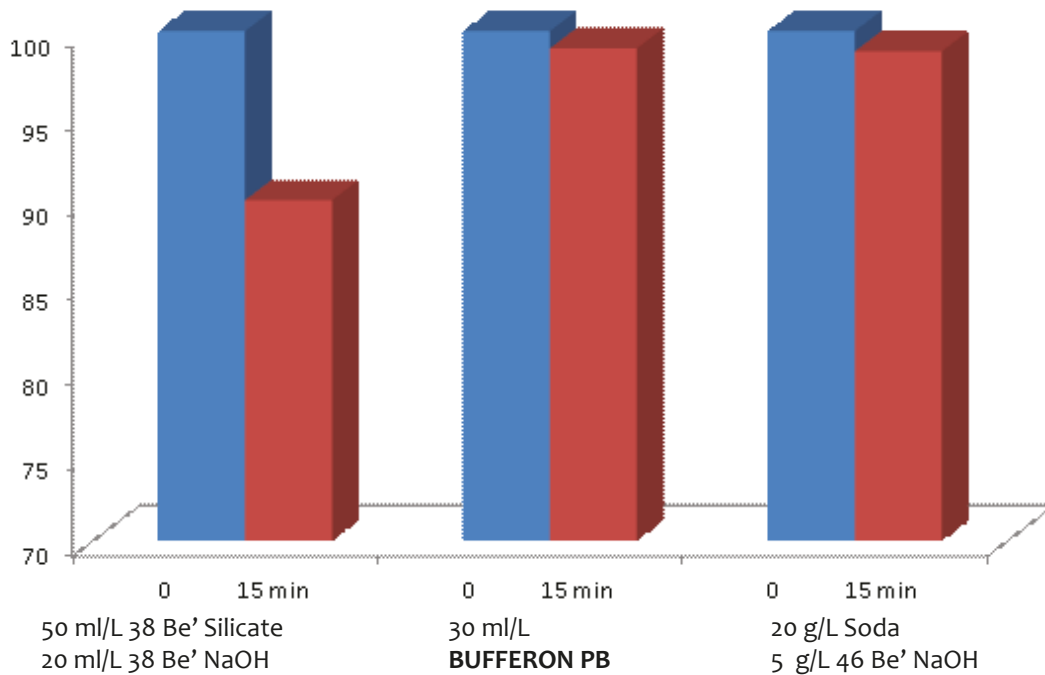
- Batch to batch shade variation,
- Tailing,
- Poor wash fastness properties,
- Longer wash - off time,
- Poor penetration, especially in tightly woven fabric,
- Crispy touch on fabric due to silicate deposit,
- Longer cleaning time of padder, mangle.

BUFFERON PB is geniously designed to overcome above mentioned drawbacks.

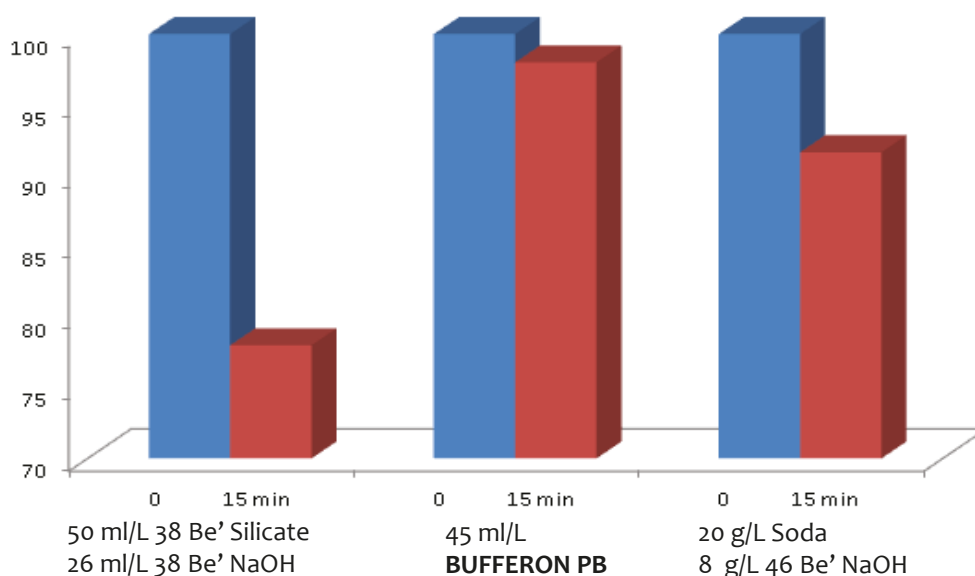
BUFFERON PB is a soft alkali for best diffusion and reduced hydrolization rate, hence tailing and reproducibility is no more concern!

Following graphs display alkali stability of vinyl sulphone and bifunctional dye in recipes in case of 3 different alkaline systems.

1. Vinyl Sulphone Based Dyes, (Light - Med.Shades)



2. Vinyl Sulphone Based Dyes, (Dark Shades)

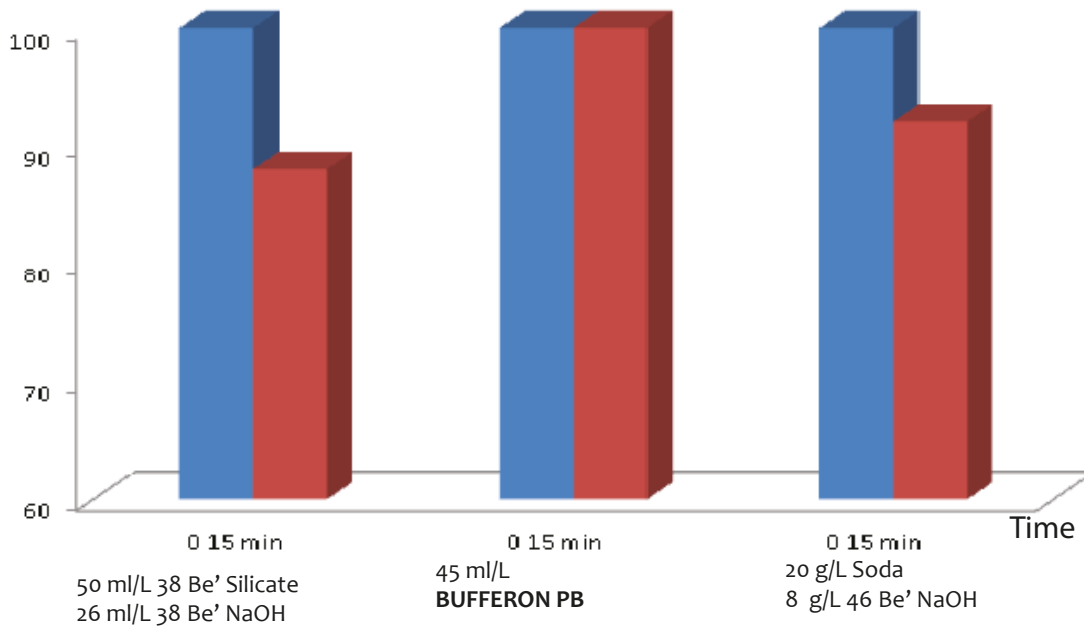


3. Bifunctional Dyes

10 g/L GOLDEN YELLOW RNL 150 %

10 g/L RED K₃BS 150 %

10 g/L NAVY BLUE K - BF



Graphs display that, in case of NaOH / Silicate, all recipes are failed. In case of NaOH / Na₂CO₃, only light shades are stable and others are failed.

BUFFERON PB always enables sustainable dyeing along with;

- Short wash - off process,
- Enhanced fastness properties,
- Soft handle.

Recommended After Soaping Process

