

Keviactive

Reactive Dyes

White Resist with Keviactive on Cellulosics

Print Paste Recipe	
10 parts	Titanium Dioxide (1.1)
10 parts	Citric Acid
1 part	Optical Whitening Agent
20 parts	Water
100 parts	Balance Thickening

Print with resist paste-overprint with Kevizol print paste containing alkali. Dry-steam either in Rapid Ager or in Star Ager at atmospheric pressure for 5-7 minutes or 15-20 minutes respectively. Wash off in neutral detergent at boil

Cold Pad - Batch Dyeing

Pad at 20-30°C	
Dyes	X g/l
Urea	50-200 g/l
Sodium Silicate	48% Be (Na ₂ O:SiO ₂ Ratio 1:2.6)
Caustic Soda	38% Be 10-25 ml/l
Glauber's Salt	30 g/l
Temperature	20-30°C
Batching	24 hours
Wash off	Cold Rinsing, Hot Rinsing (70°C) Soaping (95°C), Hot Rinsing (70°C) Cold Rinsing
Pick up %	
Cotton	Woven 65-80%, Knit 80-110%
Viscose Rayon	70-90%

Behaviour of Keviactive using Sodium Silicate

Keviactive Reactive	Solubility in Presence of Alkali			Stability at 30°C minutes
	Without Urea	With Urea	With Urea	
	g/l	100g/l	200g/l	
Yellow FG	100	-	-	30
Yellow GR	100	-	-	60
Red 5B	60	-	-	120
Rubine CB	100	-	-	30
Violet 5R	75	-	-	60
Blue 3R	100	-	-	60
Blue R	100	150	150	60
Turq. Blue PG	75	-	-	120
Brown GR	100	-	-	120
Black B	100	-	-	45

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Soaping

Drop Dyebath	
10	Rinse cold
10	Rinse cold
15-30	Soap at the boil
10	For heavy shades rinse warm (50°C)
15	Rinse cold until clear and soften if required drop bath and unload

Thorough wash and efficient soaping is very vital to get optimum fastness

General Properties

Light fastness (Day Light) ISO 103-801-1998	1 to 8 increasing order
Washing and other fastness	1 to 5 increasing order
Dischargeability	A-White Discharge B-Moderately Dischargeable C-Non Dischargeable
Stain	Staining on adjacent White fabric

Key to Abbreviations

Y - Yellow	L - Low	Substantivity or Reactivity on unmercerised cotton
G - Greener	M - Medium	
R - Redder	H - High	
Br - Brighter	Bl - Blackish	
D - Duller	LS - Less Suitable	
Sr - Stronger	NS - Not Suitable	
W - Weaker	S - Suitable	

(On bleached mercerised cotton)
Kevizol dyes applied by Cold Pad Batch method



Our Winner, Our Global Village



Our Meeting Places

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KEVIN...means Worldwide Winner

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Our Mission

The KEVIN (India) Company adopted advanced technology, strict quality control system and advanced management system. The Company has the strong ability of technical support and quality control, the R&D center has the first class lab in our premises with 25 technicians, they keep broad communication and cooperation with specialties, scholars and laboratories.

The Company has established global marketing network. We provide the customers with consulting service by professional knowledge; our advanced logistic system guarantees that we can deliver the product around the world at scheduled time.

Is one of the reputed companies engaged in manufacturing and exports of various chemicals such as Textile and Leather Dyes, Pigments for Inks, Paints and Plastics.

Our Company is an ISO 9001-2008 certified and is having its establishment since 1995 with a sound customer base in 30 countries across the globe. Our USP is selling self-manufactured products only, that's why! KEVIN means Worldwide Winner !!!

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1.0%	3.0%	Product Name	C. I. Reactive	Temperature	Solubility gms / lit.			Substantivity	Reactivity	Exhaust	Padbatch	Printing	Dischargeability	Presence of Metal Ion	Fixation Temperature (Exhaust Dyeing)	Day Light 1/1	Fastness Properties			
					Straight	30 Parts / 1000 Common Salt	1000 Common Salt										Washing		Stain	
																	ISO 3	ISO 4	ISO 3	ISO 4
		Yellow H7 GL	-	30°C	60	50	M	M	S	S	S	C	No	60°C	6-7	4-5	4-5	4-5	4-5	
		Yellow GL	Yellow 37	30°C	100	75	M	M	S	S	S	A	No	45°C	6	4-5	4-5	4	4	
		Yellow FG	Yellow 42	30°C	80	60	L	M	LS	S	S	A	No	45°C	5-6	5	5	5	5	
		Yellow GR	Yellow 15	30°C	100	80	H	M	S	S	LS	A	No	60°C	5-6	4-5	4-5	4	4	
		Golden Yellow G	Yellow 17	30°C	100	70	H	M	S	S	S	B	No	45°C	5	4-5	4-5	3-4	4	
		Golden Yellow HRNL	Orange 107	30°C	100	75	H	M	S	S	S	B	No	45°C	6	4-5	5	4	4	
		Golden Yellow R	Yellow 201	30°C	100	80	H	M	S	S	S	A	No	45°C	5	4-5	5	4	4-5	
		Orange 2R	-	30°C	100	75	H	M	S	S	S	A	No	60°C	5	4-5	5	4-5	5	
		Orange 3R	Orange 16	30°C	80	60	H	M	S	S	S	A	No	60°C	3	4-5	5	5	5	
		Red BB	Red 21	30°C	100	75	H	M	S	S	S	A	No	60°C	5-6	5	4-5	2-3	4	
		Brilliant Reb RB	-	30°C	100	80	M	M	S	S	S	A	No	60°C	3-4	5	4-5	5	4-5	
		Red C2GL	Red 106	30°C	100	80	L	M	LS	S	S	A	No	60°C	4-5	5	5	3-4	5	
		Red 5B	Red 35	30°C	100	80	L	M	LS	S	S	A	No	60°C	4	5	5	3-4	5	
		Red BSID	Red 111	30°C	60	50	L	M	S	S	S	B	No	60°C	4	3-4	5	3-4	5	
		Violet 5R	Violet 5	30°C	100	75	M	M	S	S	S	C	Yes	60°C	6-7	4	5	5	2-3	

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10 g/l	30 g/l	Product Name	C. I. Reactive	Temperature	Solubility gms / lit.			Substantivity	Reactivity	Exhaust	Padbatch	Printing	Dischargeability	Presence of Metal Ion	Fixation Temperature (Exhaust Dyeing)	Day Light 1/1	Fastness Properties			
					Straight	30 Parts / 1000 Common Salt	1000 Common Salt										Washing		Stain	
																	ISO 3	ISO 4	ISO 3	ISO 4
		Blue 3R	Blue 28	30°C	100	80	H	M	S	S	S	A	Yes	60°C	7	4	5	3-4	5	
		Blue R	Blue 19	30°C	100	80	H	M	S	S	S	B	Yes	60°C	7	5	5	4	3-4	
		Turquoise Blue G	Blue 21	30°C	100	75	H	M	S	S	S	C	No	70°C	6	4-5	4-5	4-5	4-5	
		Turquoise Blue H2GP	Blue 21	30°C	100	80	H	M	S	S	S	C	No	70°C	6	4-5	4-5	4	4	
		Green 6B	Blue 38	30°C	100	80	H	M	S	S	NS	C	No	70°C	7	3-4	2-3	3-4	2-3	
		Brown GR	Brown 18	30°C	100	70	M	M	S	S	S	A	Yes	60°C	6	4-5	5	3-4	5	
		Blue BB	-	30°C	150	130	M	M	S	S	S	A	Yes	60°C	6-7	5	5	4-5	4-5	
		N. Blue RGB	Blue 250	30°C	100	75	H	M	S	S	S	A	No	60°C	5	4-5	5	4	4-5	
		DK. Blue HRL	Blue 89	30°C	80	50	M	H	S	S	S	B	Yes	60°C	6	5	4-5	4-5	4-5	
		Navy Blue GG	Blue 203	30°C	100	70	H	H	S	S	S	A	No	60°C	5-6	4-5	4-5	4-5	4-5	
		Black RL	Black 31	30°C	100	75	H	M	S	S	S	B	Yes	60°C	7	4-5	5	4-5	4	
		Black B	Black 5	30°C	100	80	H	H	S	S	S	A	No	45°C	5	4-5	5	3	4-5	
		Black HFGR	-	30°C	100	80	H	M	S	S	S	A	No	45°C	5	4-5	5	4	4-5	
		Deep Black N-150	-	30°C	100	80	H	H	S	S	S	A	No	60°C	5	4-5	5	3-4	5	
		Black WNN	-	30°C	100	75	M	M	S	S	S	B	No	45°C	5	4-5	4-5	4-5	4-5	

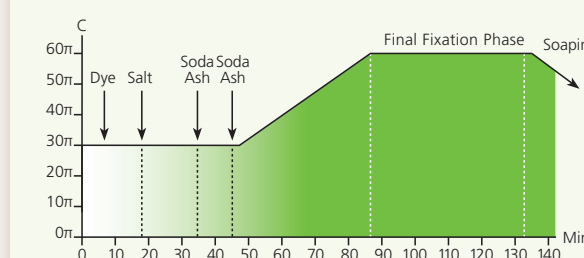
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Advantages

- Good solubility even in presence of alkali
- Good substantivity in presence of salt and alkali
- Good all round fastness properties
- Less affinity which imports good levelling properties
- Can be applied either by exhaust or by padding methods
- Suitable for resist and discharge styles of printing

Exhaust Dyeing Method



Salt and Alkali Requirements

Depth of Shade % (o.w.f.)	Salt (g/l)	Soda Ash (g/l)
up to 0.5	20	10
0.5 - 1.0	35	15
1.0 - 2.0	50	15
2.0 - 4.0	60	20
above 4.0	80	20

Remarks : It is necessary to add auxiliaries to the dyebath in proper Partition for Kevizol Yellow FG and Kevizol Black B the dyeing temperature is 40-60°C, whereas for Turquoise Blue, a dyeing temperature of 70-80°C is recommended.