EVOTEX – ZX Replacement of TiO_2 rutile in Textile Ink Printing (Khadii)

DESCRIPTION : Synthetic Coated Magnesium Aluminum Silicates

PHYSICAL NATURE : White

CHEMICAL PROPERTIES

- Chemically inert, physically neutral
- Does not disturb the polymerizing process of the binder
- Does not become yellowish even after years
- Does not contain any Zinc, Lead or Sulfur contents

PACKAGING : 25 KGS (HDPE Bags)

SHELF LIFE / STORAGE : Product has a shelf life of at least 3 year, if stored with sealed

CHARACTERISTICS

- Can be Used as a replacement of TiO_2. .
- Does not affect the curing process of the acrylic binder.

SUGGESTED USES

- Can be used as a replacement for TiO_2 in" Khadii "
- Used to achieve better whiteness.
- Used to provide better coverage (per meter)
- Suitable for cotton, polyester and other fabrics also.

PHYSICAL PROPERTIES

Products	Physical Appearance	Specific Gravity	PH	Avg.Partical Size(Microns)	Refractive Index	Bulk Density (gm/100cc)		Absorbency (gm/100cc)	
						Loose	Tape	Oil	Water
EVOTEX -ZX	White powder	2.2 – 2.4	7-8	10	1.88 – 1.95	28.2	55.12	60.2	68

EVOTEX ZX -RECIPE

INGREDIENTS	WEIGHT
Binder – 4000/SLN	40.00
Water	10.00
Emulsifier	3.00
Urea	2.00
Liquor Ammonia	2.00
EVOTEX –ZX	35.00
OVERNIGHT SOCKING	
M.T.O.	10.00
Fixer	1.00
Thickener	As Required
Total	**103.00**

STREACH KHADII

INGREDIENTS	WEIGHT
Streach Binder	60.00
Water	10.00
Emulsifier	3.00
TIO2 (R)	20.00
EVOTEX –ZX	15.00
OVERNIGHT SOCKING	
Liquor Ammonia	2.00
Thickener	As Required
Total	**110.00**

Note: As every printing units have their own recipe of khadi manufacturing. We have suggested the easiest way to make khadii from our EVOTEX ZX **series** of powders.