



# Acrafoam – 8000 : Brightening & Pigment Saving Agent for Textile Printing Ink (Khadii)

**DESCRIPTION** : Synthetic - Magnesium Aluminum Silicates

**PHYSICAL NATURE** : Fine White powder

**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 pack.

**CHARACTERISTICS**

- ❖ Can be Used self or along with AXON, TiO2.
- ❖ Does not affect the curing process of the acrylic binder

**SUGGESTED USE**

- ❖ Use to improve brightness and whiteness.
- ❖ Suitable for all types of printing applications.
- ❖ Used to provide pigment saving with better brightness in colour.
- ❖ Ink make from acrafoam – 8000, its called MAGIC INK.

**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 |
| Acrafoam 8000 | White Powder        | 2 – 2.5          | 7-8 | 10                         | 1.2 – 1.5        | 22.90                    | 35.62 | 92.8                   | 95.7  |

**ACRAFOAM -8000 Recipe ( MAGIC INK)**

| INGREDIENTS              | WEIGHT        |
|--------------------------|---------------|
| Binder – 4000/SLN        | 45.00         |
| Water                    | 10.00         |
| Uria                     | 2.00          |
| Emulsifier (9.5 mol)     | 2.00          |
| Liquor Ammonia           | 1.00          |
| <b>ACRAFOAM – 8000</b>   | <b>30.00</b>  |
| <b>OVERNIGHT SOCKING</b> |               |
| M.T.O.                   | 10.00         |
| Thickener                | As Required   |
| <b>Total</b>             | <b>100.00</b> |

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

**Disclaimer:** The said information is provided with good faith. However, our technical advice, information and statements given verbally, in writing or in form of test results – is offered for guidance without warranty. NO WARRANTY OF FITNESS FOR A PARTICULAR URPOSE IS MADE. The user is requested to conduct a small trial of the product prior to the bulk use.