

## Technical Information Sheet

### TexBond PD SF

#### Description

TexBond PD SF is APEO free and aqueous dispersion of a Styrene Acrylic Copolymer stabilized with surfactants. TexBond PD SF has been developed with the same principle of Berger to offer products with uncompromising quality. Textile manufacturer can get these products at competitive prices which will match international standards.

TexBond PD SF has excellent rheological and fastness properties. Due to the presence of some functional groups in the polymer backbone, excellent fastness is achieved. It does not influence on the efficiency of the viscosity of synthetic thickeners. It is particularly suitable for use in pigmented print pastes, conferring excellent wet and dry crock resistance.

#### Physical and Chemical Properties :

Appearance	Milky White Liquid
Smell	Characteristic smell
pH value	(7.5 – 8.5) at 30°C
Viscosity (cps)	Less Than 100
Solid Content	(34 ± 1) %
Specific Gravity	(1.030 ± 0.010) at 30°C
Solubility	Can be mixed with water at any ratio
Stability/Compatibility	Very much compatible with the auxiliaries usually applied in printing and dyeing process.
Shelf Life	365 Days (if store in sealed & new container and maintain proper storage condition)

#### Functions:

- Excellent application properties.
- Extreme durable binder.
- After curing the printed pigment colors have a very high fastness level.
- Gives a soft handle to the printed material.

#### Film Properties:

After curing produces a dry film which makes the dyestuff pigments appear clear and brilliant.

#### Application Area:

This binder can be used on all kinds of textile materials commonly used in textile printing.



## Handling & Storage:

### Storage

Store in sealed container (HDPE drum or SS container) in dry condition at temperatures between (15 – 30)°C, away from direct heat, sunlight, dust, moisture any sort of chemical's contamination. Equipments used in handling this product can be washed easily with water before it dries up. Hot water with little scrubbing is required to clean the dried product. Containers once opened should be consumed immediately and shut tightly to prevent contamination. Sanitize with sanitization solution after cleaning of used up containers. Stocks should be used on first in and first out basis. Do not mix with other products without consulting R&D or do your test to determine its suitability, as it can lead to incompatibility and other related problems.

### Handling

Transport & storage should be performed under shade, cleaned & closed area and away from heat sources at all time. Use PPE (Hand gloves, Goggles, Cleaned cloth & shoe etc) during filling and transfer to prevent human contact with product. Product's transfer should be performed in clean & properly sanitized transfer lines and pumps.

### Footnote

The information in this TDS is given in good faith and is correct to the best of our knowledge as of the date hereof; however Berger Paints Bangladesh Limited makes no representation to its completeness or accuracy. Customers are requested to evaluate and test the product for their application to find out the suitability before use. Berger Paints Bangladesh Limited disclaims responsibility to damage of any kind resulting from the use of this information.