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**Technical Information Sheet** 

**TexBond PD S3F** 

## **Description:**

TexBond PD S3F is APEO & formaldehyde free and aqueous dispersion of a Styrene Acrylic Copolymer stabilized with surfactants. TexBond PD S3F 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 S3F has excellent application in printing process followed by better printing pastes. Formaldehyde is not released due to technologically advance polymerization emulsion and presence of some functional groups in the polymer backbone. It is particularly suitable for use in pigmented print pastes, conferring excellent rubbing and washing fastness.

### Physical and Chemical Properties:

Milky White Liquid
Characteristic smell
(7.0 – 8.0) at 30°C
Less Than 100 cps
(37 ± 1) %
(1.030 ± 0.010) at 30°C
Can be mixed with water at any ratio
Very much compatible with the auxiliaries usually applied in printing and dyeing process.
365 Days (if store in sealed & new container and maintain proper storage condition)

#### Functions:

- Formaldehyde and APEO free Binder.
- Good running properties on printing machine with very good stability to light ageing.
- Excellent application properties and extreme durable binder.
- After curing the printed pigment colors have a very high fastness level.

#### 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.