

Permaset®



PERMASET® FABRIC SOFTENER

PERMASET® Fabric Softener is a formulated additive based on silicone technology designed for use in textile printing. Addition of **PERMASET® Fabric Softener** imparts a softer, drier hand feel to textile prints made with products from the **PERMASET®** textile inks product range. It will also improve both wet and dry rub fastness. Use of **PERMASET® Fabric Softener** is recommended when printing on delicate fabrics where a soft handle in the print is a specific requirement. Addition of **PERMASET® Fabric Softener** can also help counteract the stiffening effect that may occur when using **PERMASET® Synthetic Fixer** or other additives. The use of **PERMASET® Fabric Softener** should not alter the time/temperature cycle used for curing **PERMASET® Print Pastes** or **PERMASET®** textile printing inks.

BENEFITS

Use of **PERMASET® Fabric Softener** imparts a drier, softer handle to any print made from the **PERMASET®** product range. **PERMASET® Fabric Softener** is beneficial when printing on fine fabrics where a soft handle in the print is a definite requirement. **PERMASET® Fabric Softener** counters the stiffening effect that often occurs when using **PERMASET® Synthetic Fixer**. Even at very low addition rates, **PERMASET® Fabric Softener** can improve rub fastness.

CURING

The use of **PERMASET® Fabric Softener** does not inhibit the curing time/temperature cycle for **PERMASET® Print Pastes** or **PERMASET®** fabric printing colours.

ADDITION RATES

Only small additions of **PERMASET® Fabric Softener** are required to achieve the desired properties. In general, additions of 1-2% are sufficient to achieve a softer handle in the cured print. When using **PERMASET® Synthetic Fixer**, additions of **PERMASET® Fabric Softener** should be roughly half that of the **PERMASET® Synthetic Fixer**. As every printing situation is different, circumstances might dictate different amounts of **PERMASET® Fabric Softener** to normal additions. It is always sound practice to conduct experimental test printing prior to starting a full scale production print run.

CAUTION

The addition of **PERMASET® Fabric Softener** to **PERMASET®** ink products can result in a slightly reduced viscosity of the inks. In these instances, it is good practice to reduce the squeegee pressure slightly so as not to drive the ink through the fabric.

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IMPORTANT

Prior to attempting any print run, experimentation with a test piece is recommended in order to test for adhesion, wash, dry-clean and rub resistance.

NOTE: The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our business, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason, our products are sold without warranty and on condition that users conduct their own tests to satisfy themselves that they will fully meet their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.

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