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## ® **PRINTPERFEKT STIC SP 5**

### **Characterization**

Ready to use, thermostable spray adhesive for sticking textiles and garments on printing tables or palettes in screen printing. Free from CHC and CFC.

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### **Chemical Structure**

Polymers and additives dissolved in solvent with blowing gas

### **Appearance**

Slightly viscous, transparent, light coloured liquid filled in aerosol cans

### **Storage**

Store cool, protect from direct sunshine and temperatures above 50 °C. If stored properly, the closed aerosol cans will hold for at least 6 months.

Please observe the safety measures of page 2.

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The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

### **Properties**

PRINTPERFEKT STIC SP 5 is ready to use and gives an even fine spray mist for quick adhesive application. The sprayed adhesive film quickly dries, has little odour and is thermostable.

PRINTPERFEKT STIC SP 5 develops its full adhesive power only at higher temperatures which results from the use of intermediate driers. Even during longer heat impact PRINTPERFEKT STIC SP 5 does not lose its adhesive power. It has a strong permanent adhesive capacity on common textile qualities and other substrates.

Owing to its thermal resistance, PRINTPERFEKT STIC SP 5 can be successfully applied with IR radiation after intermediate drying. At room temperature without the use of intermediate drying, the adhesive strength of PRINTPERFEKT STIC SP 5 will not be sufficient.

PRINTPERFEKT STIC SP 5 is stable towards solvent-free print colours used in textile printing.

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### **Application Technique**

#### **Application Fields**

Usually, PRINTPERFEKT STIC SP 5 is used as adhesive for the fixation of textiles on printing tables or palettes during the printing process. PRINTPERFEKT STIC SP 5 is thermostable and therefore excellently suitable for the application on intermediate driers. The substrates in use must be dry and clean for good adhering effects. We principally recommend to test the suitability of the materials.

® = registered trade mark

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## **Recommendation for Use and Processing**

We recommend to thoroughly shake PRINTPERFEKT STIC SP 5 prior to use and to spray a thin layer of it on the printing blanket at a distance of 15 – 30 cm. After a short evaporation time at normal room temperatures, the adhesive layer is ready to use; however the entire adhesive power will be gained, when the palettes are heated by the intermediate driers.

If the fabric is laid down into an adhesive layer which is either too thick or not completely dried out, the adhesion of adhesive residues onto the textile material when being lifted from the printing table cannot be excluded.

In case of hairy and very fluffy textile materials, the decreasing adhesive power due to adhering fibres can be compensated by occasional subsequent spraying.

The fibre layer which forms after a while on the adhesive layer can be removed by rubbing off the lints with a wet sponge or cloth. After the layer has dried out, the adhesive power is active again.

For removing the adhesive layer from the print plates or for cleaning soiled machine parts, the usual solvents, e.g. acetone, can be used. Please check the stability of the print blankets or of the lacquer layers of the machine parts in preliminary trials.

For preventing a premature blocking of the spray valves we recommend to empty the spray valve by taking the spray can upside down.

## **Safety Measures**

The can is pressurized. Protect from sunlight and temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – no smoking. Keep out of reach of children. Without adequate ventilation explosive steam/air mixtures may form. For proper disposal please empty the can completely.

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

**Edition: January 2009**

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