

### technicoll® 9119 Spray adhesive with precise spray pattern



#### Field of application

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technicoll® 9119 is a multipurpose adhesive with a precise, equal spray pattern and a wide splash valve. The spray adhesive is suitable for permanent bonding of many different combinations of materials, especially for the graphics sector.

#### Handling data and product data

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|---------------------------------------|--|
| Base                                  | styrene-butadiene-styrene (SBS)  |
| Density                               | approx. 0.7 g/cm <sup>3</sup>  |
| Colour                                | colourless, opaque   |
| Drying time                           | 5 – 10 minutes   |
| Adhesion time (one-sided application) | approx. 10 minutes   |
| Contact life                          | approx. 20 minutes   |
| Way of application                    | one- and two-sided   |
| Processing temperature                | +15 °C to +25 °C   |
| Cleaning agent / material             | technicoll® 8363<br>technicoll® 9901 (metal cleaning spray)<br>technicoll® 9902 (plastics cleaning spray)  |
| Cleaning agent / tool                 | technicoll® 8362, technicoll® 9901 (spray)   |
| Cleaning                              | Cured adhesive can only be removed mechanically.   |
| Maximum time of storage               | At least 2 years when stored in sealed original packaging in cool and dry places.  |
| Preferred storage temperature         | +10 °C to +25 °C<br>Pressurised container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding +50 °C. |
| Behaviour at low temperature          | Not susceptible to frost. Densification at low temperature. Once adjusted to processing temperature: fully employable.                                   |
| Packaging                             | 500 ml spray can   |

## Favoured substrates

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- paper, paperboard, photo base paper
  - plastic foils (plasticised)
  - fabrics, jute, textile, cork
  - insulating material, glass wool
  - flexible foam (polyurethane, latex)
  - rigid foam (also Styropor®)
  - derived timber products
  - glass
  - ceramics
  - metals
- to each other as well to

Not suitable for: PE, PP, PTFE (Teflon®), POM, silicone, EPDM, PVC-p (faux leather)

Due to the large variety of possible materials and differences in adhesion behaviour hazard tests are mandatory before introducing the adhesive into the actual production process.

## Surface preparation

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Bonding surfaces must be dry and clean, especially free of oil, grease or solvents. Use technicoll® 8363 for cleaning surfaces of plastics. In many cases, surface roughening prior to bonding improves strength of bonded joint.

## Adhesion

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### Shake can before use!

Spray technicoll® 9119 equally in a thin layer from a distance of approx. 30 cm on the substrate. When applying the adhesive to one side of porous substrates, the substrates can be joined together immediately or after a short drying time (< 10 minutes).

For contact bonding apply the adhesive to both sides. Then the solvent needs to evaporate. The usual waiting time is just a few minutes. It depends on the applied amount of adhesive and the indoor climate. The right time for bonding has come as soon as the applied adhesive does not pull strings anymore when touching with the finger, but still feels very sticky. Join the substrates together accurately and assemble quickly under high pressure. A good bonding strength is achieved immediately and usually allows further processing with the bonded substances right away.

Adhesion has a high initial strength. Wait for a couple of days before assessing the final strength.

When bonding diffusion closed substrates or Styropor®, only a contact bonding with a double-coated application is possible.

In order to clean the splash valve, turn can around after use and spray until only propellant gas is emitted.

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**Technical status: 04.06.2020**

page 2/2

Deviating information of earlier versions is invalid.

### **Special notice:**

All information given on this data sheet is based on our knowledge and experience at the time of printing. The information is not binding. We advise to determine the suitability of our products with respect to their intended use and method of application. Therefore, a warranty claim cannot be granted.