

## PRODUCT DATA SHEET

# Sika® Coating Aktivator

## TRANSPARENT SOLVENT-BASED ADHESION PROMOTER FOR COATINGS

### TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

|                                |   |        |                         |        |                         |         |                       |
|--------------------------------|---|--------|-------------------------|--------|-------------------------|---------|-----------------------|
| <b>Chemical base</b>           | Solvent-based adhesion promoter   |        |                         |        |                         |         |                       |
| <b>Color (CQP001-1)</b>        | Colorless to slightly yellow  |        |                         |        |                         |         |                       |
| <b>Application temperature</b> | 5 – 40 °C   |        |                         |        |                         |         |                       |
| <b>Application method</b>      | Wipe-on, wipe-off with lint-free paper towel  |        |                         |        |                         |         |                       |
| <b>Consumption</b>             | 20 ml/m <sup>2</sup>  |        |                         |        |                         |         |                       |
| <b>Flash-off time</b>          | <table border="0"> <tr> <td style="text-align: right;">≥15 °C</td> <td>10 minutes <sup>A</sup></td> </tr> <tr> <td style="text-align: right;">≤15 °C</td> <td>30 minutes <sup>A</sup></td> </tr> <tr> <td style="text-align: right;">maximum</td> <td>24 hours <sup>A</sup></td> </tr> </table> | ≥15 °C | 10 minutes <sup>A</sup> | ≤15 °C | 30 minutes <sup>A</sup> | maximum | 24 hours <sup>A</sup> |
| ≥15 °C                         | 10 minutes <sup>A</sup>   |        |                         |        |                         |         |                       |
| ≤15 °C                         | 30 minutes <sup>A</sup>   |        |                         |        |                         |         |                       |
| maximum                        | 24 hours <sup>A</sup>   |        |                         |        |                         |         |                       |
| <b>Shelf life (CQP016-1)</b>   | 12 months <sup>B</sup>  |        |                         |        |                         |         |                       |

CQP = Corporate Quality Procedure

<sup>A)</sup> for specific application, temperature and flash-off time may be different<sup>B)</sup> stored in sealed container in a dry place at ≤ 25 °C

### DESCRIPTION

Sika® Coating Aktivator is a solvent-based colorless adhesion promoter, which reacts with moisture and deposits active groups on the substrate. These groups act as a link between substrates and primers or sealants/adhesives. Sika® Coating Aktivator is specifically formulated for the treatment of bond faces prior to application of Sika's 1-component Polyurethanes.

### PRODUCT BENEFITS

- Enhanced adhesion on coatings
- Easy to apply
- Transparent

### AREAS OF APPLICATION

Sika® Coating Aktivator is used to improve adhesion on substrates such as coil coated, powder coated, stove enamel and other painted or primed surfaces.

Sika® Coating Aktivator must not be used on glass or ceramic frits.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

## METHOD OF APPLICATION

Surfaces must be clean, dry and free from grease, oil, dust and contaminants.

Adhesion on substrates may be improved by adding and/or combining pre-treatment processes such as scuffing and cleaning prior the activator application.

### Application

Wipe bond faces with a clean, lint-free paper towel moistened (not wet) with Sika® Coating Aktivator. Immediately wipe-off with a clean, dry, lint-free paper towel. Never dip the towel into the activator. Only wipe the surface with a clean side of the towel. Do not moisten the same paper towel twice and change it frequently.

Sika® Coating Aktivator has to be applied sparingly as excess of activator could lead to adhesion failure.

If the pre-treated area is not bonded within the maximum flash-off time, the activation process has to be repeated (once only).

Ideal application and surface temperature is between 15 °C and 25 °C.

Consumption and method of application depends on the specific nature of the substrates.

Tightly reseal container immediately after each use.

### IMPORTANT NOTE

Sika® Coating Aktivator contains solvent which may dull the surface finish of some freshly applied paints. Preliminary trials must be carried out.

Never apply to porous substrates since it may not dry completely and prevent the adhesive or sealant from curing.

Protect adjacent surfaces by masking where necessary.

Sika® Coating Aktivator is a moisture reactive system. In order to maintain product quality it is important to reseal the container with the inner plastic liner immediately after use. Once the surface pre-treatment operation is completed the cap has to be screwed on. Prolonged exposure to atmospheric moisture will cause Sika® Coating Aktivator to become inactive. Immediately discard Sika® Coating Aktivator if it has become opaque instead of clear. Dispose of product approx. one month after opening if used frequently or after two months in case of infrequent use.

Never dilute or mix Sika® Coating Aktivator with any other substances.

It must not be used for tooling/smoothing of products and as a cleaning agent.

If used on transparent or translucent substrates, an adequate UV protection is mandatory.

### FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Working instructions issued for a defined application may further specify technical data contained in this Product Data Sheet.

Copies of the following publications are available on request:

- Safety Data Sheets

### PACKAGING INFORMATION

|     |         |
|-----|---------|
| Can | 1000 ml |
|-----|---------|

## BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

## DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

