

# Sika® Cleaning Paste HV and LV

## For the cleaning and overhaul of pumped delivery systems

**Technical product data:**

|   | Sika® Cleaning-Paste HV                      | Sika® Cleaning-Paste LV |
|---|--|-------------------------|
| Chemical base                             | extended polyurethane polymer (non-reactive) |                         |
| Colour                                    | beige  |                         |
| Density (DIN 53479)                       | 1,85 kg/l approx.                            | 1,65 kg/l approx.       |
| Viscosity (20°C) (D = 1s <sup>-1</sup> )  | 6000 Pas approx.                             | 3000 Pas approx.        |
| Viscosity (20°C) (D = 10s <sup>-1</sup> ) | 600 Pas approx.                              | 200 Pas approx.         |
| Flash point                               | > 70°C                                       |                         |
| Working temperature                       | +20°C to +90°C                               |                         |
| Storage temperature                       | +5°C to +40°C                                |                         |
| Shelf life (stored below 25°C)            | 2 years                                      |                         |

**Description:**

Sika® Cleaning Paste HV and Sika® Cleaning Paste LV are specially formulated viscous cleaning agents developed for use with pumped delivery systems. They are used to flush out, clean and protect the pump unit and delivery lines.

Sika® Cleaning Pastes do not react with Sikaflex® or SikaPower® (400 series) adhesives and sealants, and their cleaning action is extremely effective. The use of these solvent-free cleaning pastes on delivery system elements coated with adhesive or sealant presents no problems. After use the pastes can be readily expelled from the delivery system by pumping through any polyurethane adhesive or sealant from the Sikaflex® or SikaPower® (400 series) range. Sika® Cleaning Pastes are non-abrasive, unaffected by moisture and temperature-resistant up to 90° Celsius.

**Product benefits:**

- excellent cleaning performance
- non-reactive
- non-abrasive
- solvent-free
- low-odour
- long shelf life

**General area of application:**

An indispensable aid to the cleaning of pump system components and the protection and maintenance of delivery lines. Sika® Cleaning Pastes are effective in removing traces of uncured Sikaflex® and SikaPower® adhesives and sealants from the delivery system. They are only partially effective for the removal of cured material, which may need to be dislodged mechanically before it can be completely expelled from the system. Sika® Cleaning Pastes are recommended for the cleaning and overhaul of piston pumps, pressure hoses, dispensing systems, valves, application guns, etc., as well as for the priming and commissioning of pump systems.



Specific area of application  
Sika® Cleaning Paste LV:

- For use with low-viscosity Sikaflex® products such as Sikaflex® -221, -251, -228, -321 HC, etc.
- For use with all pumps, irrespective of pumped medium, with a low input/output pressure ratio (less than 50:1) or pumps with undersized RAM cylinders, where the pressure applied to the follower plate is insufficient to force the Sika® Cleaning Paste through the system and into the pump.

Specific area of application  
Sika® Cleaning Paste HV:

- For use with high-viscosity Sikaflex® products such as Sikaflex® -252, -254, -265, -250 BD-1, -250 PC, etc.
- SikaPower® (400 series)

In case of doubt, please contact our System Engineering Industry departments.

#### **Method of use:**

Cleaning and flushing pump systems:

- Use a trowel or spatula, cloth and Sika® Remover-208 to remove all traces of adhesive or sealant from the follower plate (incl. dome/invert).
- Place container of Sika® Cleaning Paste HV or LV under the pump unit.
- Apply minimum pressure to flush the system as slowly as possible. (Flushing the system too quickly results in a less effective cleaning action, thus increasing the quantity of product that has to be pumped through the system.)
- Continue flushing until the system effectively contains only Sika® Cleaning Paste. (A small quantity of adhesive or sealant is invariably deposited on the surface of the expelled Cleaning Paste.)

Priming pump system with a new product:

- Use a trowel or spatula and suitable solvent (e.g. xylol) to remove all traces of Sika® Cleaning Paste from the follower plate.

- Place container of new product under the pump unit, following the instructions issued by the manufacturer of the delivery system.
- Expel all Sika® Cleaning Paste from the system. Experience has shown that a quantity of product equivalent to three to five times the internal volume of the system will be required to achieve this.

Caution: Incomplete flushing of the system may result in impaired bond performance during the initial phase of the pump's operation. If necessary, trial applications should be carried out to test adhesion.

#### **Health and safety information:**

For information and advice on the safe handling, carriage and disposal of chemical products, together with environmental and toxicological data relating to their use, please refer to the current Safety Data Sheets.

#### **Further information:**

Copies of the following publications are available on request:

- Safety Data Sheet
- Cleaning instructions for pumped delivery systems designed for use with Sikaflex® and SikaPower® products
- Instructions for dispensing Sikaflex® products from 195 l bulk drums and 23 l standard containers with inner liner

#### **Note:**

The information, and, in particular, the recommendations relating to the application and end-use 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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.