

PRODUCT DATA SHEET

Sika® Cleaning Paste HV

For the cleaning and overhaul of pump systems

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical Base	Extended polyurethane polymer (non-reactive)
Color	Beige
Density	1.8 kg/l
Solid Content	100 %
Viscosity	D = 1s ⁻¹ 6000 Pa·s ^A D = 10s ⁻¹ 600 Pa·s ^A
Application Temperature	20 — 90 °C
Shelf Life	2 years

CQP = Corporate Quality Procedure

A) 23 °C / 50 % r. h.

DESCRIPTION

Sika® Cleaning Paste HV is a specially formulated viscous cleaning agent developed for the use in pump systems.

It is a non-hardening, non-abrasive paste which behaves neutrally with 1-component Sikaflex® and SikaPower® adhesives and sealants.

The cleaning paste has a very good cleaning effect, which can be improved for material-carrying hoses with cleaning plugs. Sika® Cleaning Paste HV can be purged with Sikaflex® and SikaPower® adhesives and sealants.

It is used for high viscous adhesives and sealants. In case the process material you want to purge has a low viscosity, consider using the Sika® Cleaning Paste LV.

PRODUCT BENEFITS

- Very good flushing properties
- Non-reactive
- Non-abrasive
- Solvent free
- Long shelf life

AREAS OF APPLICATION

Sika® Cleaning Paste HV can be used to flush components filled with high viscous Sika process material.

The most common purposes for the use of the Sika® Cleaning Paste HV are material change, flushing components before overhauling, if components or equipment need to be stalled for a longer period (shutdowns) or for shipping. Most common components that are flushed are pumps, hoses, fittings and application heads.

Consider to use hose plugs (cleaning elements), which can significantly improve the cleaning efficiency for hoses.

For lower viscous process material consider to use Sika® Cleaning Paste LV.

Sika® Cleaning Paste HV is suitable for experienced professional users only.

METHOD OF APPLICATION

Before the drum or pail is installed in the pump, the follower plate including the cone (in the middle of the follower plate) must be thoroughly cleaned, i.e. the entire follower plate must be free of adhesive or sealant. The more thoroughly it is cleaned, the less Sika® Cleaning Paste HV and time needed to flush it.

If the pump is unable to fill the empty cone under the follower plate, refer to the application manual for solutions.

Application

Sika® Cleaning Paste HV is not sensitive to moisture and can be used up to a temperature of 90 °C. If the application temperature exceeds 60 °C, the working area must be well ventilated or suitable extraction systems must be installed.

Once the Sika® Cleaning Paste HV is installed in the pump, it can be pumped through the entire processing system to flush it. The cleaning effect depends heavily on the rinsing speed, the rinsing volume and the viscosity difference between the product and the Sika® Cleaning Paste HV.

Experience has shown that three to five times the system volume (volume in contact with the material) is required to ensure proper flushing. Especially if hoses or components contain highly viscous or partially cured products, it is recommended to install them near the pump outlet.

For typical high viscosity Sika products or prior to first use Sika® Cleaning Paste HV, refer to the Application Manual for detailed instructions.

If it is not clear which Sika® Cleaning Paste is to be used, contact the Systems Engineering Department of the Sika industry.

Removal

Flushing Sika® Cleaning Paste HV from a pump system or components requires a very conscientious approach. It must be flushed out of the system as completely as possible so that the performance of the process material is not affected. Traces of Sika® Cleaning Paste HV can have an unfavorable effect on adhesion and must be prevented.

The follower plate must be thoroughly cleaned before the process material is installed in the pump. To achieve the most effective cleaning, the rinsing process must be carried out very slowly.

Cleaning plugs for hoses can be used here as well, which significantly improves efficiency. In any case, adhesion tests on original substrates must be carried out after the rinsing process, to ensure process reliability.

Application Limits

Compatibility test with process material different than 1-component Sikaflex® and Sika-Power® is mandatory prior to flush either way.

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.

Copies of the following publications are available on request:

- Safety Data Sheets
- Application Manual
- Cleaning Instruction for Sika® Cleaning Paste

PACKAGING INFORMATION

Pail ^A	23 l
Drum ^B	100 l

A) Pail diameter is 284 mm B) Standard 200 l drum, filled 50 %

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.

