

# KUNDERT Polyurethane systems

Changes to REACH Regulation 2022

TECHNICAL DOCUMENTATION

## Adjustments to some KUNDERT PUR systems

Due to changes in the REACH regulation of the European Chemicals Agency, which the FOEN (Federal Office for the Environment) is implementing within the framework of Swiss chemicals law

in the ORRChem (Chemicals Risk Reduction Ordinance), there are adjustments to the KUNDERT PUR systems mentioned below, which will come into force in January 2022.

### The following systems are affected by these adjustments:

- UK-KAA 80A to 70D
- UK-KAC 97A to 65D
- UK-KHT 85A to 95A
- UK-KEC 60A to 95A
- UK-KIC 60A

The above-mentioned KUNDERT PUR systems will be continued in a slightly adapted form, since the changes to the REACH regulation, or the ORRChem, do not affect the main components of the KUNDERT PUR systems. Since the

properties of the above-mentioned KUNDERT PUR systems are largely determined by the main components, which remain unchanged, there will only be minor changes.

### The following system will no longer be available as of January 2022:

- UK-KAE 95A

The KUNDERT PUR system UK-KAE 95A will be discontinued and replaced by UK-KHT 95A.

## Neuerungen im KUNDERT-PUR-Sortiment

Neu werden folgende KUNDERT-PUR-Systeme in zwei verschiedenen Qualitäten erhältlich sein.

### Standard version

- UK-KAA 75A to 70D
- UK-KAC 97A to 65D
- UK-KHT 80A to 95A
- UK-KEC 60A to 95A
- UK-KIC 60A

### High-performance version

- UK-KAA-**HP** 80A to 70D
- UK-KAC-**HP** 97A to 65D
- UK-KHT-**HP** 85A to 95A

**Important Notice:** The KUNDERT PUR systems UK-KEC 60A to 95A and UK-KIC 60A are not available in an HP version.

## Physical properties

The physical properties will differ slightly from the previously known values published by KUNDERT within the scope of technical data sheets. The newly applicable physical properties can be seen in the new technical data sheets of the KUNDERT PUR systems.

The designs mentioned above in the left column – with the previous KUNDERT designations – are the standard versions of the KUNDERT PUR systems mentioned. Their physical properties

are very close to the properties before material adaptation.

For applications with the highest technical requirements, KUNDERT now offers – listed above in the right-hand column – some existing KUNDERT PUR systems in a high-performance version (UK-XXX-**HP**). For certain applications and requirements, these have improved physical properties compared to the standard versions, but this is also reflected in increased manufacturing costs.

## Intrinsic color and colorings

The inherent color of the KUNDERT PUR systems is also affected by the adjustments to the chemical composition. Colored systems can also deviate slightly in their color, although this mainly affects systems colored with light colors.

The inherent color of the KUNDERT PUR systems listed in the standard version comes closest to the inherent color existing before the material adjustment. While the inherent color was previously

mostly yellowish translucent to almost yellowish transparent, it will now be yellowish-white translucent. For this reason, the standard versions can be colored in all available colors as before.

The high-performance versions have a dark brown translucent to black opaque inherent color as standard. For this reason, these designs can only be colored with dark colors that are able to cover the inherent color.

## Further information

Further information on the physical properties can be found in the new technical data sheets of the KUNDERT PUR systems.

## Important note for document version 2.0

At the time of publication of this document, technical data sheets for the new KUNDERT PUR systems in the standard and high-performance versions are not yet available. As soon as they are available, they will be posted on our website.

Furthermore, some systems in certain hardness settings are still under development. Therefore, the limits of the hardness ranges of the individual KUNDERT PUR systems may still vary slightly.

All information about our products are based on our today's knowledge. Information about material characteristics coming from our suppliers and have not been verified by ourselves. That information are not to understand as a confirmation for certain characteristics of our products. These information as well as our concrete application-technical indications in spoken or written form, do not loose you from your own verification of the products upon the applicability for the intended application. Our information are without obligation – as well as they affect the proprietary rights of a third party – and cannot result in liability. The warranty for the quality of our products as well as our liability tends to incidentally after the known standard sales- and delivery terms of KUNDERT AG.