

Sika[®] Contact-4600AU

Fast contact adhesive

Technical Product Data:

Chemical Base	1C polychloroprene
Colour	Torpid, yellow
Solid content (CQP 002-1)	19%
Density (CQP 006-3)	0,9 kg/l approx.
Viscosity, 25°C	300-500 cPs approx.
Flash point (CQP 007-1)	< 30°C
Way of application	Both sides, fitting dry
Coverage	100-150 g/m ² (depends on substrate)
Application process	Spray, brush or tooth-comb
Flash-off time	3-5min. approx.
Resistance of the film	Insoluble in water
Shelf life	12 months at the storage temperature of 5 - 25°C

¹⁾ 23°C and 50% relative humidity

Description:

Sika Contact-4600AU is a sprayable contact adhesive that has been formulated to meet varied needs for laminate fabrication. This adhesive gives fast drying time, and a strong heat resistant and water resistant bond. Sika Contact-4600AU has excellent green strength.

Product benefits:

- 1C adhesive
- Very short flash-off time
- High initial strength
- Easy to apply
- Resistant against aging
- Insoluble in water
- Broad adhesion range

Areas of application:

Sika Contact-4600AU has a very broad adhesion range and gives an elastic, strong and lasting bond. Suitable substrates are wood, rubber sheets and metal sheets.

In the production of transport vehicles Sika Contact-4600AU is suitable for the room temperature contact bonding of different covering materials e.g. PVC flooring, and for adjacent stairs, wheel arches, seat brackets and wall, even for covering materials with high spring-back forces.

Cure mechanism:

Sika Contact-4600AU cures primarily due to the evaporation of the solvent. At elevated temperatures the chemical curing is significantly quicker.

Chemical resistance:

Sika Contact-4600AU is resistant to water, limewater, temporarily resistant to weak acids and caustic solutions, fuels, mineral oils, vegetable and animal fats and oils, not resistant to organic acids, alcohol, concentrated mineral acids and caustic solutions and paint thinners.

These are only general indications.

In case of expected chemical or thermal exposure, we recommend a project related testing or refer to the Industry Technical Service Representative.

Method of application:

Surface preparation. The adhesion surfaces must be clean, dry and free of oils and fats.

The adhesive generally is applied with suitable roll-coater, tooth-comb, brush or spray gun. Both surfaces are coated.

Wait until touch dry (normally 3-5min) depending on drying conditions, then bring the materials together with strong even pressure.

Care must be taken to avoid the formation of adhesive pools on the bonding surfaces. Entrapped solvent causes weak bond.

Once the container is opened, the material must be used up in a short time.

The processing temperature must be at least 5°C and less than 35°C. Optimal temperature range is 15°C to 25°C.

Cleaning of tools. Solvent can be used to clean the tools from uncured adhesive residues.

Cured adhesive only can be removed by mechanical means.

Further Information:

Copies of the following publications are available on request:

- Material Safety Data Sheet

Packaging Information:

Can	500 ml
	1 Litre
	4 Litre
Drum	20 Litre

Important

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheet containing physical, ecological and other safety related data.

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 Australian version of the Product Data Sheet for the product concerned, copies of which will be supplied on request.

