

PRODUCT DATA SHEET

SikaBond®-105 ContactFix

FAST CONTACT ADHESIVE

DESCRIPTION

SikaBond®-105 ContactFix is a premium 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.

USES

SikaBond®-105 ContactFix has a very broad adhesion range and gives a strong and lasting bond. Suitable substrates are timber, rubber sheets, plastic laminates, fabric, cloth backed and polyester backed vinyl, MDF, particleboard, concrete, glass and metal sheets. In the production of transport vehicles SikaBond®-105 ContactFix is suitable for the room temperature contact bonding of different covering materials e.g. PUR foams, textiles and for adjoining steps, wheel arches, seat brackets and side walls, especially for covering materials with high spring-back forces, like cover trims and edging profiles. SikaBond®-105 ContactFix is also suitable for auto upholstery and furniture upholstery. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

CHARACTERISTICS / ADVANTAGES

- One-component adhesive
- Very short flash-off time
- High initial strength
- Easy to apply
- Resistant against aging
- High heat resistance
- Broad adhesion range
- Fast dry time (Approximately 3-5 minutes)

PRODUCT INFORMATION

Composition	One-component polychloroprene
Packaging	500ml, 1L, 4L Can 20L Pail
Shelf life	12 months if stored according to the storage conditions.
Storage conditions	Must be stored in original, undamaged packaging, in dry conditions and out of direct sunlight, at temperatures between +10°C and +25°C.
Colour	Yellow
Density	0.81 kg/l approximately

Solid content by mass 17% approximately

Consistency 350 mPa.s approximately

Consumption 6 - 8m² / Litre

BASIS OF PRODUCT DATA

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

IMPORTANT CONSIDERATIONS

- Do not use in temperatures below +10°C condensed water may form on the adhesive and prevent bonding.
- For best results apply at +20°C (atmosphere, material and adhesive)
- Do not apply excessive adhesive, allow adhesive to pool or apply the two substrates together too early. This will cause entrapped solvents which will cause a weak bond or bond failure.
- Coverage rate, evaporation time, open time and press time are dependant on the type of materials to be bond and conditions such as temperature and humidity.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The adhesion surfaces must be clean, dry and free of oils, fats, loose and friable materials.

APPLICATION METHOD / TOOLS

The adhesive generally is applied with suitable roller-coater, tooth-comb, brush or spray gun. Apply to both surfaces evenly. 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.

For application on open weave or porous materials spray apply the adhesive to avoid the adhesive bleeding through the substrate.

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

CLEANING OF EQUIPMENT

Uncured SikaBond®-105 ContactFix may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once cured, the material can only be removed mechanically. Hands and exposed skin should be washed immediately using Sika® Hand-clean towel or a suitable industrial hand cleaner and water. Do not use solvents.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

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 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.

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