

Leaflet for the cold-welding TPE & TPR diffusion adhesive

The diffusion adhesive welds thermoplastics based on styrene block copolymers !

The cold-welding TPE & TPR diffusion adhesive is only used for the welding of incisions, which again are forming a continuous line in the closed state !

Close the solvent container immediately after use.

Never dilute the diffusion adhesive with other solvents or mineral oil.

This lowers the functionality, or can solidify the diffusion adhesive immediately.

The diffusion adhesive is always applied sparingly.

Larger repairs have always to be divided into smaller work steps.

Do not move the repaired product until hardening of the diffusion adhesive is ensured.

The cure time is about 3 to 5 hours for TPR and certain TPE blends.

Some TPE compounds have a longer curing time of up to 8 hours.

It is therefore recommended to wait for a general curing time of 8 hours.

Do not use the repaired product until the smell of the diffusion adhesive has disappeared.

Application with stressed TPE- & TPR material:

a.) Material stresses must be reduced to a minimum.

This is done by stretching the joints of the arms and legs of TPE love dolls when performing repairs on the outside of elbows and knees.

If this is the inside, it must be slightly angled again.

Repairs at the private parts require almost complete closure of the legs, and repair in the armpit requires the arm to be minimally angled.

Here you can apply the diffusion adhesive only with longer brushes.

Make sure that the diffusion adhesive does not run down.

The TPE love doll may have to be upside down during these repairs.

TPE love dolls and larger TPR masturbators also have some areas with material tension that you can not easily reduce.

These are the folds in the buttocks (gluteal fold), and with larger buttocks the transition of buttocks to the thighs.

For large breasts, this is completely the margin around the breasts and the area between the breasts.

Breasts filled with air and/or cotton wool have always material tension on the surface.

Solution:

Here you can work with Velcro ties or belts (with towels underlaid as padding) to push the material further together and eliminate material stress.

b.) With mineral oil / white oil / baby oil a large-area and intensive mineral oil saturation must be carried out.

The large-area and intensive mineral oil saturation ensures

- the creation of a mineral oil buffer for the additional attenuation of heat and solvents and
- the large-area reduction of the material tension of the repair site in the center.

The large-area and intensive mineral oil saturation is always carried out 3 times.

The absorption of mineral oil / white oil / baby oil takes 60 to 90 minutes.

To this the oil is applied thinly with the brush and distributed.