

Application No. 989: Repairing a toy figure with Sugru

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Easily repair a toy figure with Sugru adhesive putty

Did you ever have to comfort your children when their favourite toy figure lost a limb? Throwing the toy away is not a sustainable choice and, due to the emotional connection, is not really an option anyway. A repair is needed! We will show you how you can revive (almost) any favourite toy with the help of Sugru adhesive putty.



Materials needed

- Sugru adhesive putty (www.supermagnete.it/eng/group/sugru) in the desired colour
- Toy figure or toy to be repaired
- If necessary: toothpicks, some water or other tools



Mould the Sugru into the right shape

Pull the required amount of adhesive putty from the Sugru block and shape it with your hands.

Please note: Once the package of Sugru has been opened and the adhesive putty is exposed to air, the hardening process begins and the putty remains malleable for approx. 30 minutes. We, therefore, recommend making several repairs when you open a pack of Sugru so that the putty does not dry out and becomes unusable.



Apply the Sugru

Next, apply the adhesive putty to your patient and press it on firmly.

Note from the supermagnete team: Sugru adhesive putty bonds to almost all materials, allowing you to repair all kinds of toys. The following materials work well with Sugru:

- plastics (e.g. acrylic glass and ABS)
- rubbers such as silicone or butyl rubber
- aluminium, steel
- ceramic, glass
- wood
- leather

Note from the supermagnete team: Sugru adhesive putty bonds with almost all materials, allowing you to repair a wide variety of toys. These materials lend themselves well to Sugru repairs:

- Plastics (e.g. acrylic glass and ABS)
- Rubbers such as silicone or butyl rubber
- Aluminium, steel
- Ceramic, glass
- Wood
- Leather



Shape the surface

Now you can smooth out the surface of the adhesive putty while shaping and modelling it as desired. A toothpick or a little water may be helpful here.

Tip: There are no limits to your creativity when it comes to selecting colours. Match the colour specifically to your object by kneading several colours together, or design trendy patterns in different colours or shapes to give your toy a certain uniqueness. In our example, the little figure got a pretty orange "bandage".

Leave to dry

Let the repaired toy figure dry for 24 hours. The Sugru will stay bendy and flexible even after it is fully cured, and nothing will stand in the way of new fun and games with your children.





Another good example: Here, the toy's wheelchair was missing a tire which was quickly replaced with Sugru.

Not just for broken toy figures...

Are you still looking for more ways to put an opened pack of Sugru to good use? We have a few projects to show you how to repair other items in no time at all:

- "Repair a damaged charging cable with Sugru" (www.supermagnete.it/eng/project977)
- "Repairing a zip pull tab with Sugru" (www.supermagnete.it/eng/project947)
- "Repair shoes yourself with Sugru" (www.supermagnete.it/eng/project953)

Articles used

SUG-03/mixed5: Sugru set of 3 (www.supermagnete.it/eng/SUG-03/mixed5)

SUG-03: Sugru set of 3 (www.supermagnete.it/eng/SUG-03)

SUG-KIT: Sugru Kit (www.supermagnete.it/eng/SUG-KIT)

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