



How to Fix Plastic Chair Cracks

This guide will show you how to repair a crack in a generic plastic chair.

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INTRODUCTION

This guide will show you how to repair a crack in a generic plastic chair. The cracks this guide specifically addresses include partial cracks on the chair body/legs and full cracks on the chair spindle.

This guide focuses on how to repair a crack on the chair spindle. It involves making a new seal for the crack using super glue and baking soda and sanding it down to bring the broken area back to its original look.

Warning: Work in an area with good ventilation. Isopropyl alcohol is flammable. Additionally, wear protective clothing to avoid getting super glue on your clothes or skin.



TOOLS:

- [Isopropyl Alcohol](#) (1)

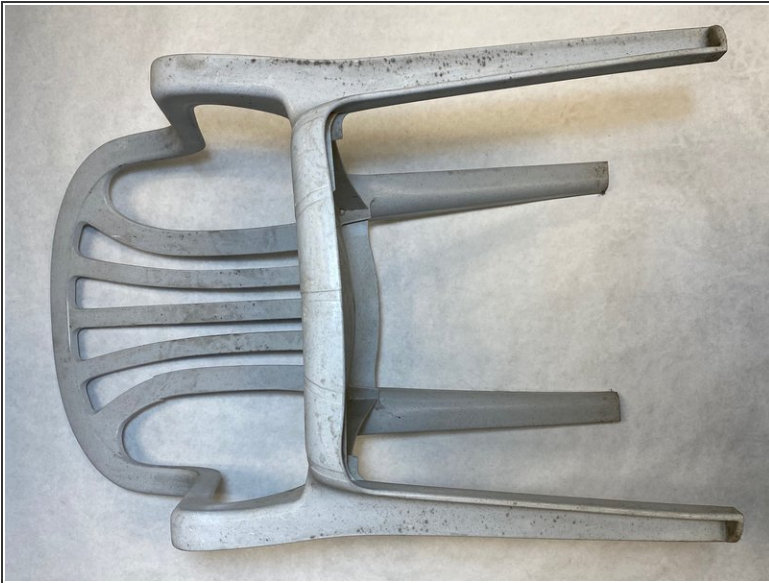
70%

- [Super glue \(cyanoacrylate\)](#) (1)
- [Baking Soda](#) (1)
- [Gloves](#) (1)

Can be any gloves, this is just to protect your hands from super glue.

- [Sandpaper](#) (1)
 - [Shop Towels or Rags](#) (1)
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Step 1 — How to Fix Plastic Chair Cracks



- Lay the broken chair such that the crack is parallel to the floor.

Step 2



- ⚠ Wear gloves to minimize chemical contact on skin.

- Dampen a rag with isopropyl alcohol.

Step 3



- Clean the surface of the crack with the dampened rag to remove all dust and debris.
- Repeat on all sides of the crack (edges and backside).

Step 4



- Apply glue between the crack.
- Then apply glue across the surface of the crack.

Step 5



- Hold the two glued pieces together for 30 seconds to allow the glue to bind to the chair.
- ⚠ Do not let the glue dry completely. The wet glue will need to bind with baking soda in the next step.

Step 6



- Pour baking soda over the crack until the glue is completely covered under a layer of baking soda.

Step 7



- Use your finger to distribute the baking soda in order to cover all parts of the crack.

Step 8



- ⓘ Allow the baking soda to seal onto the super glue over the crack and wait for the mixture to dry.
- After ten minutes, brush away some of the un-glued baking soda to check if the glue is solid.

Step 9



- Flip the chair over.
 - Repeat the procedure on the backside of the crack starting from step 4 and ending with step 8.
- ⚠️ Avoid reapplying glue in between crack, since it has already been sealed.

Step 10



- Remove excess baking soda from both the front and back side of the crack.
- Use water or isopropyl alcohol to remove fine grains around the repair site.

Step 11



- Sand off any excess layers of glue on both the front and backside of the chair using coarse sandpaper.
- ⓘ This step is optional and simply helps to return the chair to its original look.
- ⓘ It may take a while to rid the chair of all texture.

Step 12



- The crack has been repaired!