# Problems with gluing

## Problem 0.5: Positioning the tiles

What happened? While placing the filler edges (tile nr. 20 - 31) the first tiles of a new edge set did not hit their spot right way. While placing, the tiles touched the hexagons already laying on the table.

Solution: switching off vacuum and putting the tile gently into place with the aid of the vacuum tool for hexagon pickup. Correct position by using the “Set slice offset” as usual

## Problem 1: 2 Failed attempts of mixing the glue

What happened? Glue took too long to degas (at least 20 min instead of usual 10-15)

Potential cause: The bottle was quite empty and might be the residuum in the bottle was not sufficient.

Solution: Filling the little bottle with new glue from the bigger bottle, Heating everything and redoing the procedure. It worked and the glue took about 13min to degas

## Problem 2: Hair in gap between hexagons

What happened? Hair / Dust spec was spotted in the edge between tile 7 and 17

Solution attempt:

Removing by dry air -> didn’t work

Removing by tweezers -> didn’t work

Mission abandoned after reevaluation of priorities. Tiles should not move and the risk of touching them was greater then the chance of removing the hair successfully.

## Problem 3: Filling the syringe too much

What happened? Syringe was filled with too much glue. The dispenser couldn’t be assembled.

Solution: application of pressure to the stopper in order to remove glue through the tip. Enough glue was depleted until the dispenser assembled easily.

## Other quirks:

There was a need of cleaning the syringe tip after one “round” of glue deposition. This is evident in the video. A blob is forming at the tip after concluding a trace. To ensure the right amount of glue deposited in the next trace, the tip was cleaned with a piece of paper