

GELATINE-BASED

BIOFOAM



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BIOFOAM

GELATINE - BASED

RENEWABLE - (COMPOSTABLE)
REUSABLE



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INGREDIENTS & TOOLS:

- Gelatine powder - 50 g
- Glycerine - 10 g
- Water - 250 g/ml
- Dishwashing soap - 0.5 tsp

Tools: cooker, pot, scale, spoons, whisk, mold (here: egg holders)

THIS IS A VARIATION ON:

Biofoam and Bioresin by Cecilia Raspanti, and Margaret Dunne.

Variation: This is the bioresin recipe with dishwashing soap added for hard foam. Enough for multiple shapes.

MAKING PROCEDURE:

- Bring water to the boil
- Add glycerine and gelatine
- Simmer at 80 Celcius until thick
- Whisk in the soap and mix for a minute
- Cast into the mold
- Let dry overnight, release from mold after 1 days.
- Trim. Then airdry until dry.

Gelatine-based plastics can be re-used by melting and recasting. The foam will remain in weaker form. Not suitable for home composting.