
HONEYFOAM

GELATINE - BASED



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GELATINE - BASED

RENEWABLE - (COMPOSTABLE)
REUSABLE



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INGREDIENTS & TOOLS:

- Gelatin - 100 ml (polymer)
- Water - 50ml (solvent)
- Honey - 50ml (plasticizer)
- Glycerin - 100ml (plasticizer)
- (Antibacterial) soap - 5ml (foaming agent/surfactant)

Tools: freezer, pot, stove, spoon, mold, mixer

THIS IS A VARIATION ON:

Gelatin foam by Margaret Dunne. This recipe adds honey as second plasticizer alongside the glycerin and let's the mix cool down more quickly.

MAKING PROCEDURE:

- Measure the ingredients
- Heat the water, add the glycerin, gelatin and honey.
- Dissolve the gelatine by stirring continuously at 60-80 degrees C. Evaporate until thick like syrup.
- Add the dishwashing soap and mix vigorously to create foam
- Cast into mold, and let it cool down in the freezer to avoid separation
- Let the material dry further at room temperature.

Re-use by reheating. Not suitable for home composting (due to gelatin).