

STARCH AND GELATINE BASED  
STARCH-BASED RUBBER



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RENEWABLE - COMPOSTABLE



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## INGREDIENTS & TOOLS:

- Gelatine powder - 25 g
- Potato starch - 25 g
- Glycerine - 50 g
- Water - 100 g and a dash extra
- White vinegar - 15 g

Tools: scale, stove, pot, spoon, spatula, textured plastic, heavy books

## THIS IS A VARIATION ON:

Turmeric bioplastic by Maria Viftrup & bioplastics by Margaret Dunne.

Added max ratio of glycerine (50/50) for flexibility.

## MAKING PROCEDURE:

- Weigh the ingredients
- Bring water to the boil
- Add gelatine and glycerine, stir slowly until thick at max 80 degrees Celcius
- Dissolve the starch in dash of hot water
- Mix into the gelatine slowly
- Cast: distribute with spatula
- Dry for a week or so, alternate pressing and airdrying

Suitable for homecomposting.