

PREPARATION OF ISINGLASS

Isinglass is a protein glue and has good aging properties. The Isinglass glue is made from the fresh air bladder of the sturgeon (species of origin: Acipenseridae) This is an endangered species. Be careful, to buy only from fish friendly farms.

TOOLS

- scale
- 1,2 g Isinglass
- 1 double boiler for example to warm bottles for babies
- 1 small beaker, fitting into the double boiler



double boiler

FILM

1.2 g are weight on a scale and torn in small pieces. These are soaked overnight in 60 ml of water. A 2% solution is prepared.

The next day the adhesive is warmed up in a double boiler and dissolved. Do not heat over 60°C. Otherwise, the helix-structure of the protein glue will be changed and the adhesion power reduced.

If there are leftovers after work, the adhesive can be poured into a synthetic Petri-dish and left to dry. It will form a clear film. This can be immediately used later without prior soaking.

Materials:

Isinglass

<https://www.kremer-pigmente.com/de/shop/mal-binde-klebmittel/wasserloesliche-bindemittel/63114-hausenblase-gereinigt.html>

Literature:

Foskett, Sarah.1994. "An Investigation into the Properties of Isinglass", Scottish Society for Conservation and Restauration Journal, Vol .5, No. 4, p.11-14