



CONSERVATION SUPPLIES
— AUSTRALIA —

Fish Glue Solution

Technical Data Sheet

Highly viscous liquid at room temperature. When cool, it thickens to a gummy consistency at sub-zero temperatures. After warming up, the product liquefies again without losing their properties and quality. Isinglass is a purely natural product that is obtained by boiling and then evaporating of **cod fish sub-products (skin, bones, cartilage)** by breaking down gluten.

The high elasticity combined with the very high adhesive strength makes fish glue a universally applicable glue. Fish glue is particularly suitable for bonding where very high strength combined with elasticity is important. Fish glue is particularly suitable for gluing end grain wood, veneer, gluing various materials such as metal or tortoiseshell to wood. It is used as an adhesive for paper and fabric and as a cement for glass and porcelain.

Fish glue can be diluted with water, vinegar or milk and mixed with other adhesives (paste, gum arabic).

Physical Properties:

Color:	yellowish white – brownish
Solid Content:	approx. 45%
Water Content:	approx. 55%
Viscosity by 24°C:	4000 cps*
Average Molecular Weight:	60,000
Melting Point:	5 - 10°C
Ash:	less as 0,1%
pH-Value:	~ 6
Density (20°C):	1,17 g/cm ³

* Viscosity is measured with an LVT Brookfield viscometer at 24°C with a rotating spindle.

The isinglass is made from **cod sub-products**. No additives are used for the liquefaction or lowering of the gel point. Fish-made gelatin is liquid at room temperature.

Shelf-Life: approx. 1 Year after the filling date.

According to manufacturer experience, fish glue last for more than 10 years. The product will dry without reliable packing.

Our recommendation: do not pour any material back into the container.

Storage: store the goods in a dry and cool place away from direct sunlight.