



# KENNEY & ROSS LIMITED

6493 SHORE ROAD, PORT SAXON, NOVA SCOTIA CANADA B0T 1W0

Phone (902) 637-2616

[www.kenneyandross.com](http://www.kenneyandross.com)

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Product Name	High Tack Fish Glue		
Material No.	N/A		
Product Ref.	N/A	CAS No.	9000-70-8
Effective Date	May 1, 2022	EC No.	232-554-6

## PRODUCT DESCRIPTION:

Fish Gelatin is manufactured by hydrolysis of collagen which is a principal protein found in skin and bones. Kenney & Ross Ltd fish gelatin is produced from the skins of deep-water fish such as wild caught cod, haddock and pollock. Fish gelatins share similar characteristics to animal gelatin even though animal gelatin is extracted from bovine or porcine skins. Our Fish skin source and manufacturing comply with CFIA, EU, EP, USP, JP, Kosher, and Halal standards.

Its gel point is lower than animal gelatin which makes it suitable for frozen or refrigerated products or for use as a dry coating. The lower gel point allows Fish Gelatin to dissolve faster and easier than animal gelatin, so it can be readily added to products that are chilled.

## APPLICATION:

Surface can be coated by roller, knife, or brush coat.

### Some usage:

1. As an additive to adhesive formulations in the manufacture of re-moistenable gummed paper packaging tapes.
2. Wood gluing when long open times are needed for assembly operations.
3. Paper bonding of heavy grade box board in packaging.
4. Bonding of manila paper for identification tag manufacturing.
5. As a water-based leather finish.
6. Any application where it is desirable to supply an adhesive coated surface which is to be re-activated much later by simple water remoistening.

## ADVANTAGES OF FISH GLUE:

1. High initial tack when first coated or when remoistening the dry adhesive film.
2. Slow setting for wood bonding applications when open times are desirable.
3. Good solvent resistance.
4. Excellent heat resistance.
5. Easily thinned and cleaned up with water.



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## PROPERTIES & SPECIFICATION:

An organic fish glue with high initial tackiness. Once coated and allowed to dry, High Tack Fish Glue has excellent remoistening properties. This allows for easy re-activation of adhesive by water at a later time for bonding. High Tack Fish Glue has good solvent and heat resistance but poor water resistance.

SPECIFICATION	
Color	Light Caramel
Appearance	Liquid
Temperature Range	-30°F to +500°F
Time to Tack	1 Minute
Open Time	1.5 to 2 Hours
Solids	44 – 46%
Viscosity	6000 – 10000 cps
Viscosity in 10% solution	7 – 8.5 cSt
Storage	Excellent (Freeze – Thaw Stable)
Flammability	Non-Flammable
Shear Strength	3200 PSI with 50% wood failure (ASTM D905)
Turbidity	As is
Conductivity	As is
pH	As is
C. perfringens	Absent / 10g
Salmonella	Negative / 25g
Enterobacteriaceae	<10 cfu/g

## COLD BONDING:

While adhesive films are still wet materials should be bonded and maintained under pressure until adhesive sets. Suggested clamping time for wood, 12 hours.



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## RE-ACTIVATION:

Surfaces coated with High Tack Fish Glue and allowed to dry may be readily re-activated by a light coat of water. The remoistened surface develops immediate tack and may be bonded to many surfaces including steel, glass, and wood.

## ADHESIVE ADDITIVE:

Gummed paper tape - It is recommended that 10% be added to the basic adhesive formulation to obtain maximum tack retention and cold-water remoistening properties. A 5% addition would be a minimum recommendation.

## LEATHER FINISHING:

High Tack Fish Glue has very high leather pigment suspending power, good gloss, and excellent heat resistance. A small addition to leather finishing solutions, depending on the formulation, is all that is required.

## SOLVENTS:

Thinning – Water  
Clean up – water

## PACKAGE SIZES:

5-gallon pails  
Drums