

# INFORMATION SHEET

## LIQUA-TAN™

Patent Pending

### TANNING FOR ANIMAL SKINS

#### **SAFETY NOTE: Keep out of the reach of children**

The use of this product being subject to conditions beyond sellers control. Seller makes no warranty of any kind expressed or implied as to this material or its use.

Liqua-Tan is a liquid tan developed and manufactured by Dale B. Knobloch for Knobloch Forms. If used properly, Liqua-Tan will produce a soft, supple skin. Do not skip any steps unless noted.

1. Remove as much flesh and membrane from the hide as possible.
2. Salt the flesh side with non-iodized salt and roll up with the flesh side in (Farm or canning salt works well - NEVER use rock salt).
3. After a minimum of 24 hours, shake off original salt and repeat step 2.
4. Mix the following solution: 2 lbs. of salt to each gallon of HOT water (The average size deer hide needs approximately 5 gallons of this solution), and let solution cool.
5. After this solution has cooled, immerse the skin.
6. When the skin has relaxed (usually overnight), remove and drain until it is damp, but not wet.
7. Shave the skin, preferably by using proper fleshing equipment. If this is not available, a sharp skinning knife will do. Also, a heavy-duty 6" wire wheel on a 1/2 hp motor will thin the skin very well. Care must be taken not to go too thin. Keep in mind that a skin that is EVENLY shaved will produce the best results.
8. If the skin is dirty or greasy, now is the time to wash it. Greasy or oily skins, such as muskrat, beaver, fox, coyote, raccoon, bear, etc., must first be degreased. Using kerosene or Coleman Fuel, soak the skin for approximately one (1) hour. (SAFETY WARNING: Use outdoors ONLY) Then, rinse well in cold water and return the skin to a clean salt and water solution (step 4). Kemal-4 is recommended for the best and safest degreasing (available from Research Mannikins).

Skins such as deer, sheep, cowhide, elk, moose, etc., do not need to be degreased. Just wash them in a mild soapy water and return to a salt water solution (NOTE: The first mixture of this solution may be reused if not dirty). Kemal-4 is also recommended for washing. It does a better cleaning than soap, plus doesn't loosen hair like ordinary soap because of its low PH.

IMPORTANT: Never put a skin in hot water or leave it in a soap solution very long. This can cause hair slip. Washing is only necessary if the skin is dirty.

9. Next, remove the skin from salt water solution, rinse lightly, and drain.
10. While still damp, apply Liqua-Tan using a paint brush. Make sure you get an even layer on all parts of the skin (Make sure Liqua-Tan and skin are at room temperature before using. Never put a skin in direct sunlight or heat). Liqua-Tan works best when applied warm.
11. With the flesh side up, lay out the skin on a sheet of cardboard or wood. As the skin dries, stretch it periodically until completely dry.
12. After drying, soak the skin for 1/2 hour in cold water and sweat in a burlap bag until it's completely pliable. If you are making a flat skin or rug, rinse hair side slightly to remove any salt, and lay out to dry. When the skin is dry, it can be sanded with heavy gauge sandpaper and/or powdered with talcum powder to make the skin texture softer. If a fur drum is to be used, let the skin dry approximately two days before drumming.
13. ALTERNATIVE METHOD: If you prefer to mount the skin and not go through the drying steps, follow all instructions through step 10. After Liqua-Tan is applied, roll the skin up for at least four hours (leave skin at room temperature), then proceed with mounting.

## RESEARCH MANNIKINS

1-800-826-0654 • (541) 451-1538 OFFICE • (541) 451-5455 FAX

*"Your Hometown Taxidermy Supply Store"*