

T.A.S.C.O/Rittel's

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Instructions for using T.A.S.C.O/Rittel's PRESERVZ-IT Solution

Catalog # PI-641

PI-641 is an ideal replacement for formaldehyde. It has the same desirable qualities, such as being a tannage and an excellent tissue drier. Once tanned with PI-641 the tissue is stabilized. It is not a carcinogen.

1. **As a hair set in the pickle** - Ideal for "iffy" or borderline skins and capes. Simply mix your water and salt like you would for your pickle, and then add 0.5 fl. Oz. of PI-641/gl. Allow the skins and capes to soak for 30 minutes, add your pickling acid, set the PH level and pickle as usual.
2. **As a cure for loose hair after tanning** - If you're plagued by loose hair as your mount dries, after tanning, rinse the cape or skin, and then soak it in a solution of PI-641. Use 4 oz. of salt and 0.5 fl. Oz. of PI-641 to every 1 gallon of water needed. Soak them for 30 minutes. Remove, rinse, drain, and tumble for 5 minutes and then oil.

OR

At the end of your tanning, add 0.5 fl. Oz. of PI-641 to your tanning solution, and leave them to soak for another 30 minutes before removing, rinsing and oiling.

3. **As a lobster tan** - Mix a solution of 4 oz. of borax and 1 fl. Oz. of PI-641 to every 1 gallon of water needed to submerge the entire lobster. Use a dremel tool to make small holes on the underside of each of the legs and all the inaccessible areas. They can be puttied over later when the lobster dries. Soak the lobster for 1 week. Then drain and mount it. Pin it in place to dry in the desired position you want.
4. **To tan starfish** – This method works well on live starfish. Spread them out in a natural position, their underside down. Leave them until they have collapsed and lost all of their water. Now prepare a tan, using 4 oz. of borax and 2 fl. Oz. of PI-641 to every 1 gallon of water. Place the starfish in this tanning solution, and then wait for them to immediately take in the tanning solution. Leave them in the solution until they harden. After removal and drying, they can be painted.
5. **Injecting bird wings and feet** – PI-641 is ideal for injecting bird wings and feet, and is compatible with glycerin and white glue. For most applications use a mixture of 10% PI-641 and 90% glycerin or glue.
6. **To set fresh antlers in Velvet, using a soaking method** - first prick the velvet all over, using a sharp needle, and soak them for 1-2 hours in a T.A.S.C.O/Rittel's Blood Eater solution. Use 2 oz. (4 Tablespoonful's) of BE-639 to every 5 gallons of water. Then

simply mix a solution using 4 oz. borax and 1 fl. Oz. of PI-641 to every 1 gallon of water needed to completely submerge them. Allow them to soak for 1 week. Then remove and dry.

7. **To set fresh antlers in velvet, using a injection method** – First prick the end of each tine to allow a flow of fluid. With your hypodermic, and using PI-641, inject it into the knurl or base of the antler into the veins feeding the velvet. This will force any blood in the velvet out through the tip of the tines. When complete, you should see a flow of clear PI-641 flowing from the tips of the tines. After saturation, paint the velvet with PI-641 and hang to dry.
8. **To set dried antlers in Velvet** – To set dried antlers in velvet that may be peeling or hanging, rewet the antlers and velvet, then simply paint on PI-641 and hang to dry.

OR

Soak the antlers and velvet in a solution of 4 oz. of borax and 1 fl. oz. of PI-641 to every 1 gallon of water used to submerge them completely. Allow them to soak for 1 week, then remove and dry. If you desire some flexibility in the dried velvet strips, paint them with a ProPlus oil and water mixture before drying.

9. **Bird Skulls** – Worried about those bird skulls? Are you sure you cleaned them completely, leaving no meat behind for insects? To insure they are stabilized chemically, and dried completely, simply soak them in a solution of 4 oz. of borax and 1 fl. oz. of PI-641 for 2-3 hours, then rinse and mount.
10. **Preserving specimens for educational purposes** – Just like using formaldehyde, use PI-641 to keep specimens in intact, stabilized and available for study indefinitely! Mix 1 fl. oz. of PI-641 and 4 oz. of borax to every 1 gallon of solution needed to completely submerge and cover the specimen.
11. **Preserve alligator heads** – After cleaning and doing preliminary fleshing from the skull, soak them for 1-2 weeks in a PI-641 solution. Use 1 fl. oz. of PI-641 and 4 oz. of 20 mule team borax per each 1 gallon of water used. Then remove the skull and skin after rebuilding some of the removed muscle tissue, allow it to dry.
12. **Firm up bait fish** – If you are a surf-caster fisherman you are aware that the bellies of your bait-fish are weak and fall apart. A soak in a PI-641 solution will firm them up and keep the intact longer. Use 1 fl. oz. of PI-641 and 4 oz. of 20 Mule Team Borax per each 1 gallon of water used.

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