



To Order Call:

Far From Normal Supply

Ph. 1-800-877-1907 or 1-701-235-1089

Check out our website at:

www.Far-From-Normal.com

"Frog Juice" (7000 Sunscreen Clear)

Technical Data and User Sheet
for both brushable and aerosol clear.

Frog Juice is sold in aerosols, quarts,
and gallons.

Frog Juice has multiple uses, there are so many things that it has been used on that we can't mention them all. When in doubt **DO A TEST PIECE**.

Frog Juice is very glossy. It is a relative to automotive clear. It is totally synthetic and will not yellow. It does not require a hardener or catalyst. It achieves maximum hardness slowly over a period of 30 days, yet is ready to handle and place outdoors in 30 minutes.

DRYING-THINNERS-APPLICATION Normal drying time is 5 to 30 minutes. Fans, heat or sunshine speed up drying time. Frog Juice is normally thinned with mineral spirits, but can be thinned with napha, automotive acrylic enamel reducers, and lacquer thinners, these are considered to be hot thinners and can cause problems without doing proper testing.

Retarder thinners can be used to slow its drying time but mineral spirits work best for all around usage. The Frog Juice can be overcoated in as little as 5 - 10 minutes if spraying or brushing, but this will vary with climatic conditions or it can be overcoated 2 weeks or one year later.

If brushing the Frog Juice on small surfaces up to 10 sq. ft. a foam brush with the wooden handle is the best. Brush straight from the can. The Juice will have a syrupy look. If it gets too thick because you left the lid off for too long, just add mineral spirits to thin. Keep area flooded and brush in all directions, left to right then top to bottom and lighten your stroke as you do so. If the brush drags, you need more Juice. A common trick is to brush on a good wet coat then spray on a wet coat with the aerosol.

Rolling can be achieved with Frog Juice, and mineral spirits is the best thinner, but it is not recommended. Thin about 10% and add thinner until you receive the desired results and flow. If bubbles occur which is not uncommon, lightly drag a foam brush over the surface immediately, this will pop the bubbles. Do not dry, roll as it dries quickly and the more air you wick into the Juice the faster it dries. Keep it wet. **PRACTICE ON SOMETHING FIRST.**

Frog Juice can be sprayed with any spray device, from Preval Sprayers, turbine sprayers to HVLP's. For good results start with a mixture of 25% mineral spirits and 75% Frog Juice. Adjust thinner as needed depending upon climatic conditions. Gun pressures depend upon your spraying habits. 40 psi is normal (Binks No. 7 Sharpe, etc.) and HVLP's run about 10 psi. Use standard cross pattern spraying methods and you can recoat in 10 to 15 minutes at normal room temperature of 65F to 70F degrees. Lay down two wet coats and allow to dry overnight. If you spray outdoors it will dry quicker in sunlight. The heavier the Juice the more impressionable it will be for a longer period of time. If you leave fingerprints in fresh Frog Juice it will usually flow out with time.

Frog Juice can be used as an intermediate coat and then sprayed over with all automotive clears without reaction. **DO A TEST PIECE** until you have mastered the technique.

GOLD LEAF Frog Juice works well on gold leaf. The only problem that you will experience is if you drown the gold in the size it may cause a reaction. But if it is a mild case it usually will lay down. If you are doing gold on

vehicles or painted wood (sandblasted) signs you can put the clear down first (underneath) or over the gold and painted outlines if necessary. The clear can be lettered on top of with all solvent base or water base lettering enamels.

SINGOLD ONE SignGold One is a 22 ct. goldleaf vinyl with a Tedlar face and can be edge sealed onto substrates with Frog Juice. Edge sealing is when you use a gray quill and hand paint onto the face of the gold about 1/16th to 1/8th inch onto the background so that the edges are protected.

VINYLS Edge sealing is also good for all vinyls (high performance and intermediate) and Polyester films like silver, gold mylar, holographic and all of the ultra metallics (large flakes, sparkly) vinyls. They can be completely overcoated or edge sealed. The Frog Juice will attach itself to most vinyl films cut with vinyl cutters.

BANNERS Are also made from vinyl because of the problems of polymer movement we do not recommend that Frog Juice be used on vinyl banners at all. If it is to be used on vinyl banners the banners must be Enamel Receptive (ERC). Even then it is recommended that you DO A TEST on a corner of the banner, like a one or two inch spot, and if it dries in 15 minutes it is okay to proceed. If it doesn't dry, wash the clear off with thinner. If you should paint the clear onto a banner and it does not dry, brush Enam-L-Koat over the affected area and place in the sun if possible or allow to dry overnight indoors. Two coats of Enam-L-Koat may be required. The clear will work on nylon type banners and certain fabric materials. DO A TEST.

ENAMEL RECEPTIVE Frog Juice will make all PVC foam board (Versacel, Celtex, Sintra, etc.), Coroplast (plastic cardboard), all vinyls (high performance - intermediate) enamel receptive to all solvent base lettering enamels (One-Shot, Chromatic, etc.). Frog Juice can be added to lettering enamels at a ratio of 1 part clear to 5 parts of paint and painted on all substrates to increase adhesion on all of the above substrates as well as MDO, vinyl aluminum faced boards like Laminators Omega series or Nudo Board sign substrates. It will make any vinyl from any supplier, that's designed for flotters, enamel receptive or will increase adhesion to vinyl when mixed to lettering enamels and brush painted to vinyl.

PAINTS Frog Juice will go over any water based paint such as the Createx Regular, Createx AutoAir, Deka SignAir, Deka Sign Enamel, or Latex house paints of any kind, brushed or rolled. The important note with water based paints is that they dry properly first so the moisture is gone. If the clear turns milky or cloudy then you've trapped moisture under the clear. This is called fogging. The airbrush paints and the Deka Sign Enamel can be speed dried with a hair dryer and cleared within 5 minutes. The latex paints should dry from 2 hours in direct sunlight to overnight. DO A TEST when in doubt. If you desire to clear over lettered enamels, do so with the aerosols while the enamel is still wet. If the enamel is dry DO A TEST on a sample piece because the Juice loves the paint and the vinyl but will lift, craze, alligator, or cause the paint to go nuts. The longer the drying time the less problems will occur. The Frog Juice can be brushed with all lettering quills designed for solvent paints and minimal thinning is required. The Juice loves and attaches itself to all automotive finishes, enamel painted surfaces, and screen inks. If in doubt DO A TEST piece.

Frog Juice can be thinned and mixed with all lettering enamels for airbrushing and used as a seal coat with airbrushed water based paints, screen inks, vinyl inks, and most sign substrates.

DIGITAL PRINTING Digital printing has a durability problem in that it fades and scratches easily. The Frog Juice works on most of the digital printing and inks in the form of liquid lamination. Due to the high sunscreen content of the Frog Juice, it helps slow the fading and the clear becomes a sacrificial coating that takes the abuse of car washing, scuffing, and daily abuse. The Juice adds color saturation durability to the common thermal printing (Fargo Printers, Roland Color-Cam and Gerber Edge) and extends the 3 year life to 5 or more, plus it increases its abrasion resistance. It also works well on 3M Scotchprint. The Juice will waterproof most anything in digital printing.

Do not wax over for at least 30 days.

Remember to always DO A TEST PIECE, when in doubt and don't do your test on the actual piece of signage or artwork.

DO A TEST PIECE BEFORE YOU CALL...

If you have any technical questions call...218-236-7000

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