



# SP-FastFix

SP FastFix is a *fast* film fixer (about 50% faster than traditional fixers.) It comes as a powder in an oxygen resistant mylar/foil pouch.

## Mixing:

1. Remove the cap and spread the bottom of the pouch apart. Add 450 ml of water (distilled water is recommended), at 95°F/35°C, slowly to the pouch.
2. Squeeze the pouch carefully to expel as much air as possible and replace cap tightly. Gently invert the pouch several times.
3. Let the pouch cool naturally; agitate it every 15 minutes for the first hour.

## Use:

Fix traditional films for 3:00-4:00 minutes. Save for reuse. (Capacity is about 60 sheets of 4x5 film per 500 ml.) Note: some films require a longer fixing times; consult the film data sheet for details.

After fixing, wash for 5-10 minutes in slowly running water or follow our fill/agitate/drain scheme <https://shop.stearmanpress.com/blogs/news/film-washing-myths>

*To test fixer: drop a small piece of undeveloped (but exposed) film into a beaker of fixer. It should turn clear in 30-45 seconds. If not, the fixer should be replaced. The rule of thumb is to fix for at least four times (4x) the clearing time. Since it has an alkaline pH, it won't bleach your negatives, so error on the side of over-fixing.*

## Notes:

1. Shelf-life (unmixed) is at least one year. Shelf-life after mixing is also at least one year. If in doubt, perform the test above.
2. Since it has an alkaline pH, it does not require a stop bath (plain water rinse between developer and fixer is recommended.)
3. It does not contain a hardening agent.

*We recommend wearing protective gloves. Not only does this protect your skin, it also provides a better grip on the tank during agitation. The gloves also keep your fingers from smelling like a darkroom the next day. After all, the odor of darkroom chemistry has been proven to be an aphrodisiac to non-photographers.*



## Photographic Fixer

Contains: sodium thiosulfate 77772-98-7, sodium sulfite (anhydrous) 7757-83-7, Ammonium sulfate 7783-20-2

Warning: Causes skin irritation, causes serious eye irritation, If medical advice is needed, consult the SDS. Wear protective clothing, gloves, eye and face protection. Response: ON SKIN: Wash with plenty of water, Rinse cautiously with water for several minutes, removes contact lenses, if present and easy to do. Continue rinsing. Disposal: Dispose in accordance with guidelines and applicable standards established by the EPA and appropriate Federal, State, and Local Regulatory Agencies. Warranty This product will be replaced if defective in manufacturing, labeling or packaging it is sold without express or implied warranty or liability of any kind. The user assumes all risk upon accepting these chemicals. IF FOR ANY REASON YOU DO NOT WISH TO ASSUME ALL RISK, PLEASE RETURN THE CHEMICALS WITHIN THIRTY (30) DAYS FOR A FULL REFUND.  
FOR COMMERCIAL & INDUSTRIAL USE ONLY, KEEP OUT OF REACH OF CHILDREN

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