5247 Color Film
Type 5247 has a carbon jet backing that must be removed during the Water Wash Step. This is easily done by removing film from reel...hold under running water between thumb and forefinger backing side up...gently rub off with thumb. A photo sponge may be used if you desire. DO NOT RUB EMULSION SURFACE. Initially, your wash water will run black...this is normal. Continue washing until backing is completely removed. Make certain any loose particles are washed free from emulsion surface. If necessary, extend wash time. Because of the backing material and the by-products it liberates, one shot processing is recommended. DO NOT PROCESS TYPE 5247 IN SAME SOLUTIONS WITH OTHER FILMS.

Trouble Shooting

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<th>PROBLEM</th>
<th>PROBABLE CAUSE</th>
<th>REMEDY</th>
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<tr>
<td>Thin negatives</td>
<td>Low development temperature</td>
<td>Retain and follow all instructions carefully on temperature control, solution, capacity, etc.</td>
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<td>Under-exposure in camera</td>
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<td>Developer exhausted</td>
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</table>
| Negatives appear more magenta than more normal with higher density near sprocket holes | Developer too warm
Devoidly vigorous agitation in conventional tank | Maintain temperature control. Use only agitation methods prescribed. |
| Black "A.M." spots on negatives which print as white spots | Improperly washed 5247 film | Remove ALL carbon jet backing during final rinse. |
| Negatives look OK but prints a bit too flat. | Too little development | Increase development time. |
| Negatives look OK but loss of highlight and shadow detail | Too much development | Decrease development time. |

Safety Notes

**WARNING** This kit contains chemicals that may be hazardous if misused. Always wear safety glasses, rubber gloves and protective clothing, such as a lab coat or plastic apron, when working with chemicals. While the hazard rating of this kit is low, caution should be exercised. Do not allow children to use this kit without adult supervision.

**DEVELOPER A**
Contains: Potassium Carbonate. May cause irritation. Avoid skin contact. In case of contact, flush with water. DO NOT ALLOW EYE CONTACT. In case of eye contact, flush with water for 15 minutes and contact a physician immediately! DO NOT TAKE INTERNALLY. If swallowed, INDUCE VOMITING. Contact a physician immediately!

**DEVELOPER B**
Contains: Hydroxylamine Sulfate. May cause irritation. Avoid skin contact. In case of contact, flush with water. DO NOT ALLOW EYE CONTACT. In case of eye contact, flush with water for 15 minutes and contact a physician immediately! DO NOT TAKE INTERNALLY. If swallowed, INDUCE VOMITING. Contact a physician immediately!

**DEVELOPER C**
Contains: Ammonium Thiosulfate. May cause irritation. Avoid skin contact. In case of contact, flush with water. DO NOT ALLOW EYE CONTACT. In case of eye contact, flush with water for 15 minutes and contact a physician immediately! DO NOT TAKE INTERNALLY. If swallowed, INDUCE VOMITING. Contact a physician immediately!

**BLIX PART B**
Contains: Acetic Acid. May cause burns. Avoid skin contact. In case of contact, flush with water and wash with a non-alkaline soap. DO NOT ALLOW EYE CONTACT. In case of eye contact, flush with water for 15 minutes and contact a physician immediately. DO NOT TAKE INTERNALLY. If swallowed, DO NOT INDUCE VOMITING. Contact a physician immediately!

**BLIX PART C**
Contains: Ethylenediamine Tetraacetic Acid EDTA. May cause irritation. Avoid skin contact. In case of contact, flush with water. DO NOT ALLOW EYE CONTACT. In case of eye contact, flush with water for 15 minutes and contact a physician immediately! DO NOT TAKE INTERNALLY. If swallowed, INDUCE VOMITING. Contact a physician immediately!

**STABILIZER**
Contains: Hexamine. May cause irritation. Avoid skin contact. In case of contact, flush with water. DO NOT ALLOW EYE CONTACT. In case of eye contact, flush with water for 15 minutes and contact a physician immediately! DO NOT TAKE INTERNALLY. If swallowed, INDUCE VOMITING. Contact a physician immediately!

**WARNING**
This kit contains chemicals that may be harmful if misused. Do not allow children to use this kit without adult supervision. Read all safety notes before proceeding.

**EQUIPMENT NOT INCLUDED IN YOUR KIT**
- A stop watch or a darkroom timer.
- A processing tank and reels or a rotary-tube type processor.
- Three empty chemical containers.
- A graduate.
- An accurate thermometer.
- A film squeegee or a soft sponge.
- Temperature control equipment or a large tub to hold warm water.

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Rev 1/04
FORM 010 2202
Mixing Chemicals

Developer
- Mix the recommended amount of water into an acid glass or plastic container.
- While stirring, add the two chemicals in their bottles.
- Stir until the mixture becomes clear. (Developer Part A, 15 ml; Developer Part B, 9 ml)
- Mix the two parts for 1 minute.
- The mixture should be clear and free of any particulate matter.
- (Water Temperature: 22°C (72°F))

To make:
- 1 L: 1 Developer Part A, 15 ml; 1 Developer Part B, 9 ml
- 5 L: 5 Developer Part A, 75 ml; 5 Developer Part B, 45 ml

Blix
- Mix the recommended amount of water into an acid glass or plastic container.
- While stirring, add the two chemicals in their bottles.
- Stir until the mixture becomes clear. (Blix Part A, 8 ml; Blix Part B, 18 ml)
- Mix the two parts for 1 minute.
- The mixture should be clear and free of any particulate matter.
- (Water Temperature: 22°C (72°F))

To make:
- 1 L: 1 Blix Part A, 8 ml; 1 Blix Part B, 18 ml
- 5 L: 5 Blix Part A, 40 ml; 5 Blix Part B, 90 ml

More Chemistry Capacity

This is always concerned about the chemist's use of the chemicals, quality of results, and economy when processing. The final result is always a result of the chemist's work. The chemistry manufacturing is somewhat complicated but can be processed before the chemistry is used. The chemistry manufacturing is always the result of the chemist's work. The chemistry manufacturing is always the result of the chemist's work. The chemistry manufacturing is always the result of the chemist's work. The chemistry manufacturing is always the result of the chemist's work. The chemistry manufacturing is always the result of the chemist's work.