



Mesh Preparation and Degreasing Chemicals

Mesh Preps:

Xtend mesh preps are formulated to optimise adhesion and extend stencil life and to prepare and degrease mesh prior to stencil production.

Prep 101 mesh preparation paste

- For use on new mesh with all types of stencil, particularly indirect stencils.
- Considerably enhances the life of the stencil.
- Helps prevent pinholes and fish-eyes caused by dust and grease contamination.
- Suitable for all mesh fabrics.
- Contains no caustic or other hazardous chemicals.

Prep 102 degreasing and emulsifying concentrate

- For use before each application of direct emulsions and direct/indirect stencils.
- Thoroughly degreases and evenly wets all mesh fabrics.
- Helps prevent pinholes by removing dust particles and imparting anti-static properties to the mesh.
- Greatly assists the flow characteristics of direct emulsions.
- Contains a low foaming detergent mix and an active wetting agent.
- Contains no silicones or comparable additives.

Prep 300 sprayable degreasing concentrate

Properties as Prep 102, but in addition:

- Particularly recommended for use in automatic screen cleaning machines.
- Suitable for fast manual spray application onto large screens.

AquaPrep:

is a degreasing concentrate that conditions the mesh to hold a continuous film of water, thereby ensuring optimum adhesion of capillary films,

AquaPrep mesh wetting & degreasing concentrate

- Thoroughly degreases and removes dust particles from all mesh.
- Conditions mesh to hold a continuous film of water, with no reticulation, for up to 5 minutes – allowing the easy and complete mounting of capillary films.
- Is low foaming for easy rinse off.

Instructions for Use – Prep 101 or 102

1. Wet the screen with cold water.
2. Apply a small quantity of Prep to both sides of the mesh, rubbing in a circular motion with a soft brush or sponge. Ensure the entire screen is thoroughly treated in this manner.
3. Leave the screen to stand for a few minutes.
4. Wash or hose off with cold water until the effluent is free of foam.
Do not use hot water with Prep 102 as this can cause mesh blockage.
5. Dry as usual prior to applying stencils.

Instructions for Use – Prep 300

For use in automatic screen cleaning machines:

1. Dilute 1 part Prep 300 with 5 parts water and use in accordance with the recommendations of the machine manufacturer.

For manual spray degreasing of screens:

1. Dilute 1 part Prep 300 with 5 parts water.
2. Spray both sides of the mesh with the diluted Prep 300 using a pressurised garden spray or syphoned through a high pressure water gun.
3. Allow to react for a few minutes.
4. Wash or hose off with water until the effluent is free of foam.
5. Dry as usual prior to applying stencils.

Instructions for Use – AquaPrep

1. Wet the screen to be treated with cold water.
2. Apply a moderate quantity of AquaPrep to the print side of the screen and rub into the mesh using a brush or a sponge.
3. Wash off with a strong cold water spray.
4. Adhere capillary film whilst mesh is still wet.

Standard Packing

Prep 101 Mesh Preparation Paste
SML34 5 ltr containers

Prep 102 Degreasing and Emulsifying Concentrate
SML51 5 ltr containers

Prep 300 Sprayable Degreasing Concentrate
SMW77 5 ltr containers

AquaPrep Mesh Wetting and Degreasing Concentrate:
SMD92 5 ltr containers

Fujifilm Speciality Ink Systems Limited:

- Has certification to the International Environmental Standard, ISO 14001
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Research & development team, work to an in house Health, Safety and Environmental policy, termed 'Design for Health, Safety and Environment', with the aim of proactively developing products with the least impact on health, safety and the environment.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

Safety and Handling

Prep 101/102/300 and AquaPrep

- Are formulated free from any toxic, carcinogenic, mutagenic or reprotoxic chemicals
- Do not have a flashpoint and are therefore exempt from the Highly Flammable Liquid Regulations

Containers should be tightly closed immediately after use. Take particular care to avoid splashes into the eyes and skin contact. If this does occur, rinse immediately with plenty of water. In case of splashes into the eyes, seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.

Comprehensive information on the Safety and Handling of Prep 101/102/300 and AquaPrep are given in the appropriate Sericol Safety Data Sheet, available upon request.

Environmental Information

Prep 101/102/300 and AquaPrep:

- Do not contain ozone depleting chemicals as described in the Montreal Convention.
- Are free of any volatile solvent and are therefore beneficial to the environment when compared to solvent-based products.
- AquaPrep is readily biodegradable as determined by the OECD 301D Closed Bottle Test – Prep 101, 102 and 300 are moderately so.

The pH of each product is as follows:

Prep 101	7.5
Prep 102	2.4
Prep 300	2.3
AquaPrep	2.8

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of Fujifilm Speciality Ink Systems Limited and its associated companies, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

FUJIFILM

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