

## Troubleshooting guide for printing problems

Our troubleshooting guide can help you solve printing problems.

Check our web site for likely causes and solutions to the following problems:

1. BLEEDING
2. BLINDING
3. CALCIUM CARBONATE
4. DOT SPREAD
5. GHOSTING
6. GLAZING
7. HICKIES
8. LINTING
9. MISTING
10. MOTTLING
11. OXIDATION
12. pH / CONDUCTIVITY
13. PICKING
14. PILING
15. PLUGGING
16. POOR DRYING OF INK
17. PREMATURE PLATE WEAR
18. SCUMMING
19. TINTING
20. TRAPPING

For further information on printing problems, please call for technical assistance.

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Pressroom  
Chemicals  
Guide

Heatset  
Web Presses

- Fountain solutions
- Alcohol replacement
- Solvents
- Silicone
- Specialized products
- Aerosol products



## Introduction

Unigraph products are renowned for their performance and reliability.

Unigraph International Inc., a printing industry leader, is committed to the development of new products meeting technical and environmental requirements.

Our concern with quality control demonstrates our commitment to our customers. Unigraph's experienced printing industry chemists rigorously test all products to ensure excellent performance and consistent superior quality.

Unigraph's technical support plays a big role in resolving pressroom problems.

Unigraph International Inc. is world renowned for the chemical products it produces for the printing industry. We at Unigraph are delighted to provide you with this detailed catalogue of our heatset Web presses products to help you meet your pressroom needs.



## FOUNTAIN SOLUTIONS

### CODE 260 UNI LITHOFOUNT UCTP W

An acid fountain solution to meet the needs of the new computer to plate technology. Reduces ink and water consumption, allows cleaner, faster starts-ups and gives better density and gloss impression.

### CODE 262 UNI LITHOFOUNT UCTP W2

It is a one-step alcohol-eliminating fountain solution concentrate designed to meet the needs of the new computer to plate technology. Reduces ink and water consumption, allows cleaner, faster starts-ups and gives better density and gloss impression.

### CODE 278 UNI LITHOFOUNT 2000-E HW

An environmentally favorable fountain solution concentrate for Web presses.

### CODE 242 UNI LITHOFOUNT 3000 G

Ecological fountain solution for Web and business form presses containing additive that eliminates accumulation of calcium in the fountain solution. Does not contain chrome or phosphate. Very low VOC's.

### CODE 244 UNI LITHOFOUNT 3500

Ecological fountain solution for Web and business form presses. Does not contain chrome or phosphate. Very low VOC's. Designed especially for spray dampening systems.

### CODE 288 UNI LITHOFOUNT 4000 G

Ecological fountain solution for web presses containing additive that eliminates accumulation of calcium in the fountain solution.

### CODE 290 UNI LITHOFOUNT 4000 G-2 W

One step fountain solution for Web presses.

### CODE 293 UNI LITHOFOUNT AF 2-G

This alcohol-free fountain solution is designed to run on Web presses with conventional or brush dampening system.

### CODE 233 UNI LITHOFOUNT 97 G-2 BF

One step fountain solution for business forms.

## ADDITIVES

### FOR FOUNTAIN SOLUTIONS

#### CODE 397 UNI ADDITIVE FOR ALKALINE PAPER

Fountain solution additive.

#### CODE 337 UNI NON PILING ADDITIVE

Special additive used to reduce and eliminate blanket piling and the transfer of paper coating in the ink train.

#### CODE 377 UNI PLATE DESENSITIZER

Desensitizes and cleans to keep shadows and reverses open.

## TECHNICAL LITERATURE

Unigraph provides a selection of free documents to answer your questions and to boost your production performance.

### MSDS' available :

Tel.: 1-800-996-9918 Fax: 1-800-366-8812  
service@unigraphinternational.com

## ALCOHOL REPLACEMENT

The Alcofount products are an isopropyl alcohol replacement used in lithographic dampening systems. They give a sharper and cleaner images than isopropyl alcohol and are less harmful for the environment.

### CODE 390 UNI ALCOFOUNT-1

This is a highly concentrated alcohol replacement.

### CODE 391 UNI ALCOFOUNT-2

Economical alcohol replacement.

### CODE 393 UNI ALCOFOUNT-3

Alcohol replacement used where ink drying time is a problem.

### CODE 394 UNI ALCOFOUNT-4

Alcohol replacement for the CTP plates.

## SOLVENTS

### CODE 111 UNI CANADA WASH

High quality ecological water miscible wash.

### CODE 105 UNI SOLV #105

Supreme solvent wash for Web and sheetfed. Also excellent for U.V. ink.

### CODE 106 UNI U.V. #67

Supreme U.V. water miscible wash for Web, business forms and sheetfed.

### CODE 110 UNI 120

High quality one-step water miscible wash.

### CODE 114 UNI DME

Economical one-step water miscible wash.

### CODE 116 UNI AQUASOL

Very economical water miscible wash.

### CODE 137 UNI WEB-92

Economical wash for Web presses.

### CODE 150 UNI WEB #196

Economical one-step water miscible wash.

### CODE 153 UNI SOLVENT F.A.

Economical fast drying solvent for Web and business forms.

### CODE 154 UNI WEB PLUS

Premium Web roller and blanket wash for heatset ink.

### RUBBER REJUVENATORS

#### CODE 176 UNI 200

Rejuvenator that removes glazes and revitalizes rubber.

#### CODE 177 UNI 100

Rubber rejuvenator, fast drying and economical.

## CUSTOM SOLVENT BLENDING

We will be glad to custom blend the product you need to solve any problem at no extra charge.

NOTE: Minimum order required.

## PLATE CLEANERS

### CODE 373 UNI PLATE CLEANER 3 IN 1

Cleans, desensitizes and protects plates in a single operation.

### CODE 375 UNI PLATE CLEANER R

Used for all kinds of aluminum plates.

### CODE 376 UNI SCRATCH REMOVER

For subtractive and additive plates.

### CODE 395 UNI PLATE CLEANER 395

Powerful plate cleaner and densensitizer.

## PROTECTIVE GUMS

### CODE 309 UNI GUM ARABIC 14° BAUMÉ

100% pure gum.

### CODE 335 UNI ASPHALTUM GUM

For short and long term storage.

### CODE 336 UNI FRONT PAGE GUM FINISHER

Pure gum arabic solution with additional acids for quick, clean start-ups in newsprint applications.

## THE SILICONE SERIES

All Unigraph silicone concentrates, silicone anti-marking emulsions and Uni Enviro S.A. (slipping agents) are non-toxic, non-volatile and non-flammable.

### SILICONE

CODE 710 Uni Silicone 60 %

CODE 711 Uni Silicone 60AHC

CODE 712 Uni Silicone 50AHC

CODE 713 Uni Silicone 30AH

CODE 714 Uni Silicone 20AH

### SILICONE ANTI-MARKING EMULSIONS

CODE 720 Uni Silicone Anti-Marking Emulsion 60A

CODE 721 Uni Silicone Anti-Marking Emulsion 60AHC

CODE 722 Uni Silicone Anti-Marking Emulsion 50AHC

CODE 723 Uni Silicone Anti-Marking Emulsion 40AH

### UNI ENVIRO S.A. (slipping agents)

CODE 730 Uni Enviro S.A. 60 %

CODE 733 Uni Enviro S.A. 35 %

### ANTI-STATIC

CODE 740 Uni Anti-Static 740

## DOSING

How to control dosage of silicone anti-marking emulsion using the conductivity meter.

Ex. If the conductivity of the water is 300 micromhos and if the conductivity of the diluted solution is 800 micromhos, just perform the following operation:  
800 - 300 = 500 mmhos (500 mmhos ÷ 100 mmhos) = approximately 5 % solid.

## SPECIALIZED PRODUCTS

### CODE 302 UNI DEGLAZER O.D.

Concentrated and extremely safe deglazer for rollers and blankets.

### CODE 303 UNI DEGLAZER PLUS

Deglazer and revitalizer for rollers and blankets. Safely and effectively removes build-ups of ink and paper residues.

### CODE 333 UNI 333

Biodegradable cleaner for metering roller.

### CODE 334 UNI 334

Solvent formulated to deeply clean rubber rollers without leaving oily residue and dries instantly. (metering roller)

### CODE 311 UNI CHROME CLEANER

Chrome roller cleaner.

### CODE 312 UNI MOULD PREVENTATIVE

Prevents mould and bacteria from developing in the fountain solution.

### CODE 313 UNI ANTI-FOAM SUPERCONCENTRATED

For plate processor and fountain solutions.

### CODE 332 UNI CHROME DESENSITIZER

For chrome rollers.

### CODE 306 UNI D.C.

Concentrated sleeve cleaner.

### CODE 307 UNI ROLLER LUBE

Lubricates and prevents damage caused by friction build-up on the rollers of multi-unit presses when idling one or more units.

### CODE 379 UNI BLANKET FIX

Used to raise low spots, smashes or minor dents in the blanket surfaces.

### CODE 308 UNI FILM CLEANER

Removes grease, fingerprints and marks from film.

### CODE 320 UNI HAND SOAP (non abrasive)

### CODE 321 UNI HAND SOAP (abrasive)

Hand cleaners and conditioners.

## AEROSOL PRODUCTS

### CODE 520 UNI SILICONE LUBRICANT

A fast, economical, multi-purpose silicone lubricant that penetrates deeply, eliminating sticking problems and annoying squeaks.

### CODE 530 UNI ANTISTATIC CLEANER

Environmental product, it cleans glass without leaving oily residue. Its lemon fragrance makes it pleasant to use. This product is ozone friendly and contains no CFC's.

## PACKAGING

|                                      |                           |             |
|--------------------------------------|---------------------------|-------------|
| Plastic container                    | 1 liter                   | 12 per box  |
| Plastic container                    | 4 liters                  | 4 per box   |
| Metal container                      | 4 liters                  | 4 per box   |
| Plastic container                    | 10 liters                 | 2 per box   |
| Metal drum                           | 25 liters and 208 liters  |             |
| Plastic drum                         | 113 liters and 208 liters |             |
| Tote - Solvents                      |                           | 1305 liters |
| Tote - Fountain solutions, Alcofount |                           | 1100 liters |