



# PRODUCT CATALOG

February 2002

FUJI HUNT PHOTOGRAPHIC CHEMICALS, INC.

## HEADQUARTERS

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# TWO-PART FOUNTAIN SOLUTIONS

Acid Fountain Solutions for use with alcohol  
or alcohol substitutes.

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## EMERALD® JR SERIES

JR - 2637

JRM - 2716

JRH - 2709

The JR founts are our most popular products for sheet-fed printing. The built-in drying stimulators will decrease both the setting and drying times of ink, which is particularly beneficial on plastic or poly-board. There is a JR fount available to match all water conditions.

## EMERALD® JRZ

2964

JRZ is a very popular fountain solution to minimize the effects of calcium glazing. It runs well with ARS-JP or ARS-ML to replace alcohol or alone for conventional dampening. The large buffer system works in RO to hard water and the pH is very stable.



**NEW!**

## EMERALD® JR-POS

20098

JR-POS is a complete fountain solution specially formulated to run on unbaked positive plates. Used in conjunction with ARS-WL (2597), JR-POS becomes an effective two-part alcohol elimination system that is completely safe for all CTP systems. It contains no hazardous air pollutants (HAPs).

## ALCOHOL SUBSTITUTES

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### ARS-ML 2013

This substitute has proven to be effective in eliminating alcohol on a variety of sheet-fed presses. It will quickly achieve optimum emulsification for easy ink/water balance. It is recommended for Heidelberg Alcolor dampening systems.

### ARS-WL 2597

This substitute offers a wider than usual ink/water balance window more like alcohol and is very easy to run. It is safe for all "CTP" plates and contains no HAPs solvents. Our experience has shown this to be the best choice for UV and the new hybrid inks.

### ARS-JP 2873

ARS-JP is a strong alcohol replacement that has proven to be effective on presses equipped with continuous dampening systems. It is recommended for Dahlgren type dampening systems.

## FOUNTAIN ADDITIVES

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### 100% PURE GUM ARABIC 14° Bé 2438

Gum Arabic is used to desensitize offset plates and as an ingredient in fountain solutions. Other gums do not possess the same colloidal properties found in gum arabic, and do not perform as well when used in fountain solutions. Our 100% PURE GUM ARABIC 14° Bé contains no additives or extenders. No foreign material or undissolved particles, which might scratch a plate, can get through our micro-filtration process.

### BE DONE! 7023

BE DONE! is designed to suppress and eliminate any foam generated in recirculating and dampening systems. It is also useful in eliminating foam when it occurs in the finisher tank of automatic plate processors. BE DONE! is safe, non-flammable, white in color, has a mild odor, and is nondamaging to equipment and other materials. It blends easily with all liquids.

## FOUNTAIN ADDITIVES

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### INK-AYDE 7057

INK-AYDE is a fountain solution additive used to accelerate ink drying. It contains the same dryers that are used in sheet-fed inks, and when taken up into the ink, speeds drying. This is very useful when printing on non-absorbent stocks like poly-board or plastic. It has no effect on any other fountain solution properties.

### NON-PILING ADDITIVE 7116

NON-PILING ADDITIVE is formulated to reduce or eliminate the conditions that lead to excessive blanket piling. This is one of the most frustrating problems encountered by web and many large sheet-fed printers. It prevents ink from drying too fast, and it will extend the time between blanket washes, which reduces costly waste.

## BRUSH/CONVENTIONAL FOUNTAIN SOLUTIONS

**Acid Fountain Solutions for use on high speed web presses with brush or conventional dampening.**

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### EMERALD® Q-SERIES

**BPO - 2961**  
**BRSQ - 2926**  
**BRQ - 2948**

BPO has a large buffer system that will work in all but very hard water. BRSQ has proven to be effective at reducing toning problems associated with CTP thermal plates. BRQ's buffer system resists plate blinding and roller stripping. It is matched to medium water.

### EMERALD® PRN 2232

EMERALD® PRN is a complete non-VOC fountain solution for use on web presses with brush dampening. The strong desensitizing package provides for excellent restart performance in even the most challenging conditions.

**DFS-201 2399**

DFS-201 is a non-VOC fountain solution which was developed to reduce waste after press stops when running thermal CTP plates. Extra desensitizing helps the plates run cleaner and often lengthens blanket wash cycles.

**EMERALD® AMV SERIES AMV - 2834  
AMVP - 2908**

EMERALD® AMV couples a very strong desensitizing system with very effective wetting and non-piling additives. This product is primarily intended for brush and conventional web presses, but may be beneficial to any application requiring more wetting. The strong buffer system incorporated in this formula allows it to be used in all but the hardest water. AMV complies with the TEC phosphate limit! EMERALD® AMVP contains added phosphate, which provides for excellent restart performance with both PDI and CTP thermal plates. Often lower water dials are seen, resulting in improved piling performance and lower waste.

**CONTINUOUS DAMPENING  
FOUNTAIN SOLUTIONS**

**Alcohol Replacement Fountain Solutions for  
sheet-fed and web presses.**

**EMERALD® PREMIUM MXEH SERIES MXEH - 2912  
MXEH IIS - 2051  
MX3Z - 2837**

These are the original formulas that solved the ink feedback problem on web presses running zero alcohol and have the widest ink/water windows of any fountain on the market. MXEH IIS contains extra desensitizing for even faster restarts. MX3Z is a proven performer for anyone desiring a zero phosphate product. Restarts are clean and fast for minimal waste. Print quality and piling control are equal to our MXEH products.

**EMERALD® PREMIUM "Q" SERIES CPQ - 2056  
PAQ - 2941  
PAQ-P - 20005  
PAQ-R - 20089**

CPQ has a strong buffer system that is good for alkaline papers. PAQ is similar with phosphates for faster restarts and a wider range of waters. PAQ-P is similar to PAQ but modified for polyester plates. PAQ-R It is designed to control blinding and stripping often associated with running coated paper.

**EMERALD® PREMIUM WCMX SERIES WCMX - 2840  
WCNP - 2150**

WCMX is good for conventional CTP Thermo and PDI plates and can also be used on brush and continuous dampening systems. WCNP contains extra non-piling ingredients.

**EMERALD® PREMIUM LOW VOC LEH - 2234  
KDM II - 2364  
KDMA - 2552  
KDMC - 20047**

These founts offer the same print quality performance of the MXEH series at reduced VOC levels. KDM II has excellent blanket wash performance. Both KDM II and LEH pass the TEC phosphorus limit for catalytic converters. KDMA has increased phosphates for fast restarts on PDI plates. KDMC is the TEC compliant version of KDMA for presses with catalytic converters.

**DFS-327 2579**

DFS-327 was developed to reduce waste generated after press stops and during blanket washing. This plate problem has been observed with certain CTP thermal plates. DFS-327 offers very low VOC but still reduces piling on lower grades of paper.

**EMERALD® PREMIUM WGN 20097**

A convenient one-step alternative compared to using separate alcohol replacements for sheet-fed presses. WGN is designed to run at 7 ounces per gallon and will give very easy ink water balance on all continuous dampening systems. The buffer system works well for all types of plates in all but the hardest water.

## NEWSPAPER FOUNTAIN SOLUTIONS

Mild Acid to Neutral Fountain Solutions for use on newspapers, inserts, and commercial presses.

### AQUA MAGIC SERIES KDX - 2236

One of our top-selling, neutral fountain solution for daily newspapers and inserts. KDX offers additional biocides to resist growth and improved desensitizing.

### 697 NEUTRAL SERIES 697 NV - 2334 697 LAT-V - 2365

A series of neutral fountain solutions with superior desensitizing abilities. Developed for quality four-color process printing on high-speed newspaper, insert, and commercial presses. 697 NV is a zero VOC product designed for spray dampening presses. 697 LAT-V offers the same features for subtractive plate users.

### NEWS ETCH 505 2080

505 is a mild acid product (5.0-5.5 pH) to improve desensitizing. NEWS ETCH 505 is a low VOC product designed for spray dampening presses, giving excellent reproduction and water control. This product also provides excellent non-piling qualities for long run commercial, insert, and newspaper customers.

### NEUTRAL 707 SERIES 707 SKC - 2574 707 SBT - 7015

The 707 SERIES of neutral fountain solutions uses our new and very potent biocide system to retard bacteria and fungus growth in fount circulator systems. This can reduce needed maintenance time. The products run at an economical dose of 1 to 2%.

### PRIME TIME NEWS 201 - 20049 401 - 20100

These are mild acid to neutral (5.5-6.5 pH) founts that offer a large operating window due to a superior surface tension reduction additive. This allows a minimum of water to be used on the plate. The 401 is beefed up to desensitize CTP plates. Restarts are very fast, and colors are bright and sharp.

## DUPLICATOR FOUNTAIN SOLUTIONS

Acid Fountain Solutions for use on continuous and conventional small format presses.

### UNIVERSAL FOUNTAIN SOLUTION 2629

UNIVERSAL FOUNTAIN SOLUTION is an excellent fountain etch that can be used on all duplicator presses. It provides high quality reproduction and is compatible with all dampening systems and all types of offset plates. The excellent wetting action enables plates to be run with less water, which reduces ink emulsification.

### EMERALD® PREMIUM MXEH 2912

This fountain solution works great on small presses equipped with continuous dampening systems like the Accel Crestline and Varn Kompac.

### ARS-X 2951

ARS-X contains no HAPs. It has proven to be effective in eliminating alcohol on presses equipped with continuous dampening systems. ARS-X is recommended for the Crestline and Kompac dampening systems.

## ENVIRONMENTAL BLANKET AND ROLLER WASHES

### ENVIROWASH® 160 7404

This is a very effective product at a low VOC content of only 20%. It contains no water and no chlorinated hydrocarbons, and the non-VOC ingredients are nonhazardous active cleaners. This product contains only 1.6 lbs./gallon (20%) of VOCs and has a very low odor. A water rinse step completely flushes the ink and ENVIROWASH® 160 from the blanket or rollers leaving absolutely no residue. It works on heat and cold set webs and newspaper pipe rollers to clean without the risk of web breaks.

### ENVIROWASH® 5/0 7406

This is a very good product to begin VOC reduction. The cleaning and drying properties are very similar to conventional solvent based washes, yet there is a significant reduction in VOC emission. The active esters will deep clean rollers and blankets, which are rinsed with water to flush removed residues.

### ENVIROWASH® 220 AUTO 7422

ENVIROWASH® 220 AUTO is a 2.2 lbs./gallon VOC product composed of a high flash point solvent blend and our specially synthesized non-VOC, nonhazardous vegetable solvent. It has been tested for performance, oven safety, and equipment compatibility by Baldwin and Oxy-Dry, and is now qualified for use on these web systems. Optimum performance is obtained by reducing the amount of solvent applied by 50% with no sacrifice in cleaning ability.

### ENVIROPASTE 8175

ENVIROPASTE is a non-VOC deep cleaning and conditioning blanket and roller cleanser containing no volatile solvents or abrasives of any kind. It quickly removes embedded ink, glaze, and pigment residue without harming or hardening the rubber surface. ENVIROPASTE was developed to be used with your normal one-step wash for easy, thorough clean-up.

## BLANKET AND ROLLER WASHES

### LITHO SOLVENT 7005

LITHO SOLVENT is an economical, all-day press wash for the quick, reliable, and complete removal of soft ink. It is a compound of solvents and conditioners beneficial to rollers and blankets, and does not contain any aromatic or chlorinated solvents. It has a very low odor and is mild on skin. LITHO SOLVENT is approved for use in the Baldwin ABC unit.

### UV 76 7010

UV 76 is a blend of several solvents formulated for easy removal of ultraviolet inks. It is excellent for cleaning buna-nitrile rollers and blankets on any UV press. It is an ideal wash for presses that are also running conventional inks, because you will not have the confusion of having two different washes. It dries quickly and leaves no residue. UV 76 contains hydrocarbons and should NOT be used on EPDM type rollers. For EPDM rubber use Beemr (7563).

### QUICK WASH 7059

This is a fast-drying wash that is ideal for all-day use on small to medium presses. It quickly dissolves ink, varnish, and pigment without leaving any residue. QUICK WASH does not contain any aromatic or chlorinated solvents to minimize environmental and health concerns.

### WASH R-228® ODORLESS 7117

This version of our famous WASH R-228® (7011) does not contain any chlorinated solvents, thus reducing concerns about waste disposal and health issues. The cleaning and rubber rejuvenating properties are the same, but without the chlorinated solvents. This version is combustible with a flash point of 105°F.

## BLANKET AND ROLLER WASHES

### **A-60<sup>®</sup> ODORLESS** 7119

A-60<sup>®</sup> ODORLESS performs like the original formula, but does not contain any chlorinated solvents and has a reduced odor. This product is strong, with a KB value of 55, to cut ink and glaze fast. When used with water, it also quickly and easily removes gum, paper coating, lint, and piling from blankets and rollers. It is approved for use on Baldwin automatic blanket washers.

### **AUTO SOLV** 7137

AUTO SOLV was formulated for heat-set web printers who have automatic blanket washers and want a safer product. The high flash point of 142°F provides an additional margin of safety during the wash cycle. This product has a mild odor and is not aggressive to skin for hand use. It is approved for use in the Baldwin ABC units.

### **A-240 WASH** 7274

Our best selling, water-miscible wash for medium to large format presses. It has remarkable cleaning ability with excellent emulsion stability when mixed with water. Pre-mixing with water or using a wet cloth speeds the cleaning process and removes any gum or paper residue. The odor is a mild citrus, and A-240 does not contain any chlorinated solvents.

### **EXPRESS** 7285

This formula is very fast-drying for small press users, but the pleasant minty fragrance minimizes odor concerns and complaints. It is ideal for both hand use and automatic blanket washers.

### **POWER PLUS 500** 7325

POWER PLUS 500 is still a unique product that cuts ink residue faster when pre-mixed with 50% water. The water helps to flush ink and pigment residue from blankets and rollers faster than pure solvents. The stability of the 50% water mix is excellent for easy use. This formula cuts and penetrates, even after other so-called water-miscible products lose their punch.

## BLANKET AND ROLLER WASHES

### **EXEMPT WASH SL** 7452

EXEMPT WASH SL is a medium speed wash that does not contain any aromatic ingredients and complies with the California Rule 102 for non-photoreactive solvents. It is water-miscible, has a mild citrus odor, and is approved by both Baldwin and Heidelberg. It provides an excellent balance between strong cleaning, low odor, and minimal skin irritation.

### **BEEMR** 7563

BEEMR is a special blend of solvents designed to work on ultraviolet and electron beam cure inks on presses equipped with EPDM rubber rollers. It contains no aliphatic or aromatic hydrocarbons and is nondamaging to EPDM rollers. BEEMR has also been tested and approved for use on conventional buna-nitrile or urethane compound rollers. It is approved for use by Böttcher Roller on all roller compounds.

### **A-740 WASH** 7624

A-740 WASH is becoming one of our most popular medium speed washes. The evaporation rate is matched for medium to large sheet-fed and web presses. It is water-miscible, but we have taken great care to ensure that it never leaves a surfactant residue that might cause roller stripping or blinding. This can often be an unpleasant side effect from products of this type. A-740 WASH contains rubber conditioners to restore the original soft surface of new blankets or rollers.

### **ULTRA "V" 2000** 7782

This product represents the newest technology in presswash for UV, hybrid, and conventional oil based inks. Many printers are now trying the new hybrid inks as a cost effective alternative to 100% UV production. ULTRA "V" 2000 is safe for use on all types of rollers and has received the approval of Böttcher Roller for safety with their rubber compounds. It dries quickly and cleans deep for fast color changes with minimal waste during press starts.

10 = Best; 1 = Worst

APPLICATION	PRODUCT NUMBER	2-SIDED WORK	UV PRIMER	FOIL STAMP GLUE	RUB RESISTANCE	GLOSS	DRY SPEED	BLOCK RESISTANCE
Work&Turn	4455, 4380	✓	✓	✓	Good - 7	Good - 7	10	10
Work&Turn	4713	✓	✓	✓	Very Good - 9	Very Good - 8	9-10	9-10
1 - Sided High Gloss	4524		✓	✓	Very Good - 8	Very Good - 9	7	8
Satin	4700	✓		Test First	Good - 7	Low - 3	9-10	8
Dull	4701	✓		Test First	Good - 7	Very Low - 2	9-10	8
Non-Curl	4478	✓	✓	✓	Good - 7	Good - 7	9-10	9
1 - Sided Non-Skid	4443		✓	✓	Very Good - 8	Very Good - 9	5	8
Packaging	4706		✓	✓	Excellent - 10	Very Good - 8	8	9
Packaging	4318	✓		Test First	Excellent - 10	Good - 7	9-10	10
Packaging	4509		✓	✓	Excellent - 10	Fair - 6	8	10

## AQUEOUS COATINGS

## AQUEOUS COATINGS

**AQUACOAT 90NB-3****4455**

Tight production schedules demand fast and hard drying to get the jobs out fast. AQUACOAT 90NB-3 was formulated to combine maximum block resistance, ultra fast-drying, and great gloss for a work-n-turn coating. Foil stamping, gluing, over printing, and UV top coating compatibility eliminate the need for a different primer coating.

**AQUACOAT 90LV****4380**

This formula gives all the same performance benefits as AQUACOAT 90NB at a reduced viscosity of 18 to 20 seconds for presses like Komori.

**AQUACOAT CM-2****4524**

If you need a higher gloss daily coating for tough customers, this is the product for you. The formula incorporates special flow agents to lay down smoothly over those difficult inks without any fish-eyes or voids. Gloss is higher than most standard coatings, but the drying is still very fast and hard.

**SATIN****4700**

Our SATIN formula is one of our top sellers, because most printers find it to be the most forgiving matte coating they have ever used. We have built in exceptional flow out to help prevent those defects that often show up with low gloss coatings. Gloss averages 25 to 30 over typical inks and stocks.

**DULL****4701**

This one has all the same benefits of our SATIN, but at a very flat gloss level of 10 to 20 depending on ink and stock. This coating is so streak-resistant, that even printers new to coating can turn out perfect looking dull jobs.

**AQUACOAT NON-SKID****4443**

Trying to achieve high slide angle and good rub resistance is a difficult formulating assignment. No compromises have been made in this product. Block resistance is high, but drying speed is slow, so we only recommend NON-SKID for one-sided jobs.

## AQUEOUS COATINGS

### **AQUACOAT NON-CURL 4478**

Trying to coat lightweight paper has always been difficult. After coating the first side, the paper often will not lie flat and is difficult to feed. For labels or other light stocks, this product gives everything you need to turn out great looking work; good gloss and rub, very fast drying, great block resistance, and can also be stamped or UV over-coated.

### **AQUACOAT CM-2R 4706**

This is a premium coating for packaging applications. It combines high gloss with exceptional rub resistance and still maintains adequate non-slip properties.

### **AQUACOAT 4318 4318**

This is your best choice for great rub resistance, fast-drying, while still giving you good gloss. Two-sided jobs are no problem with this product, because of very good resistance to blocking.



# NEW!

### **AQUACOAT CM-3 4713**

This is a premium work&turn that has all the benefits of 4455, but has higher gloss and better rub resistance. It has a VOC of 0.4 lbs./gallon.

### **AQUACOAT CM 4509**

This is an economy coating. AQUACOAT CM features outstanding rub and block resistance, low odor and low VOC. It can be foil stamped, glued, and UV over-coated.

## SILICONE EMULSIONS STATIC ELIMINATORS

### **POLYSIL II 7730**

POLYSIL II is our most cost effective alternative to conventional silicones. The initial cost is less and the dosage will not exceed your current 60% product. In many cases, you may be able to actually use less. Our additives prevent migration of the silicone into ink or paper, thus keeping it on the surface to provide optimum slip and mark prevention.

### **SILICONE CONCENTRATE AS-XL 7636**

AS-XL is another one of our cost effective anti-offset emulsions. This unique formula is a mixture of silicones, moisturizing humectants, and our exclusive "super-glide" additive. AS-XL has both antistat and conductivity for easy dosing, and it will often out perform other 60% emulsions.

### **SILICONE CONCENTRATE AS-6000 5610**

This 60% emulsion uses a unique anti-smear enhancer to provide maximum protection at the minimum dosage. It also has conductivity and built-in anti-stat.

### **SILICONE CONCENTRATE 5000 7625**

This is our pure, premium 60% silicone emulsion. This is the product of choice if you want maximum silicone concentration and no additives of any type. Use with STAT-A-WAY for control of static problems in the sheeter.

### **SILICONE CONCENTRATE 5000C 7646**

This product is the same as the original 5000, but with a conductivity additive for controlling dosage. The conductivity will read 60 mmhos over water for each percent used.

## SILICONE EMULSIONS STATIC ELIMINATORS

### STAT-A-WAY **7633**

This is the premium Downey printing anti-static formula produced exclusively for us. STAT-A-WAY is the strongest product available and is compatible with all our silicone emulsions. As little as 1 to 3 ounces per gallon of press-ready silicone will control static on the lightest paper and most difficult sheeter.



# NEW!

### WEB SHIELD 2001 **7818**

This is a revolutionary anti-marking, anti-static emulsion. WEB SHIELD 2001 is ultra-efficient compared to ALL other silicone products on the market. When used at the very low dilution rates of 2 to 4 percent, (compared to 6 to 10% for regular 60% silicone) all marking and static is eliminated. This low dose works equally well on all jobs and even old folders! Switching to WEB SHIELD 2001 will save 20 to 50% of the cost of silicone and give you much better results.

### WEB SHIELD 2002 **7831**

This is an anti-offset emulsion for use on heat set and cold set presses. It is a low cost version of the high efficiency WEB SHIELD 2001 (7818) that has exhibited phenomenal performance. It is economically formulated to be diluted at a rate of 5 to 8% with water.

## SPECIALTY PRODUCTS

### DIAZO FILM KLEEN® **7019**

This is a blend of chemically pure solvents that removes smudges, fingerprints, tape adhesives, dust, lint and spots from all film and glass. Formulated specifically for diazo and photopolymer emulsion type film, it also contains anti-static compounds to prevent static which can cause pinholes in the emulsion.

### CLEANER 909 D2-ALT **7663**

This is a blend of powerful but non-damaging ink solvents and super-fine lubricants scientifically formulated to assure clean, smooth-running numbering machines. It eliminates the need to disassemble the unit before cleaning.

### D.R.D. **7064**

D.R.D. is a highly concentrated cleaner for degreasing cloth dampening covers, sponges, and unmounted plates. It is a concentrated formulation of nontoxic, synthetic detergents, ink solvents, and wetting agents. It was developed primarily to make nightly degreasing and cleaning of cloth dampener covers a fast, simple matter. D. R. D. contains the ink dissolving solvents necessary for complete cleaning.

### FILM KLEEN® **7065**

The world famous standard of the industry. FILM KLEEN® is a blend of chemically-pure solvents that removes smudges, fingerprints, tape adhesives, dust, lint, and spots from all film and glass. It also contains anti-static compounds to prevent static, which can cause pinholes in film. FILM KLEEN® is also available in aerosol cans (7042).

### GLASS KLEEN **7066**

GLASS KLEEN is an aqueous solution known for its ability to lift and float off all grease and most forms of grime without harm to any glass surface or coated lens. GLASS KLEEN is also available in aerosol cans (7043).

## SPECIALTY PRODUCTS

### VELVEE® 7069

VELVEE® is a combination rubber rejuvenator, gum glaze remover, and preventative. It is not a wash or a solvent, but rather a mixture of rubber antioxidants, plasticizers, and gum glaze removers which combine to loosen gum glaze and imbedded ink, while at the same time reconditioning rubber rollers and blankets.

### BATTER UP 7070

BATTER UP is a combination of nonflammable, viscous chemicals designed for application by brush to temporarily repair offset blankets. It works and dries fast, lifts low spots, and fills in smashes and batters on the rubber surface. BATTER UP is easy and fast to use.

### PAM-X WHITE - 7071 RED - 7072

PAM-X is a homogenized blend of pure, highly concentrated, synthetic resins and plastics developed for cold application in making pads and snap-out forms. It dries to a non-tacky, non-gummy film, which provides a permanent, flexible binding that won't dry up, crack, or peel. PAM-X comes in white (7071), which can be tinted to personalize forms, or red (7072).

### LUB-A-ROL 7074

This is an extremely effective anti-friction grease designed to protect the non-inked portions of rubber, composition plastic, and other ink rollers from friction and wear, without causing damage. It is also designed to eliminate the oxidation of stored ink rollers. LUB-A-ROL is nontoxic and has an extremely high flash point of above 200°F which is considered nonflammable.

## SPECIALTY PRODUCTS

### A.S.M. SPRAY POWDERS

ASM 20 - 7075  
ASM 22 - 7076  
ASM 25 - 7077  
ASM 35 - 7078  
ASM 50 - 7079

A.S.M. is a white, free-flowing powder available in a complete range of micron sizes. We subject the starch to a special process to give A.S.M. powders unique properties, which includes a permanent reduction of adhesion between starch granules, regardless of the humidity to which they are subjected. It flows freely without clumping and acts very much like a liquid. This results in even distribution in the spray equipment and less air pressure required for operation. A.S.M. spray powders are formulated from food-grade starches and are F.D.A. compliant for use on food packaging.

### METERING ROLLER CLEANER NC 7427

Chlorinated solvents can increase your waste disposal costs. This is a mild, fast-drying nonchlorinated solvent blend formulated to clean metering rollers in continuous dampening systems. METERING ROLLER CLEANER NC will clean quickly and evaporate quickly, leaving no residue. It is a mild product recommended for regular maintenance use.

### METERING ROLLER CLEANER ALT 7666

This is the strong, nonchlorinated alternative to our original METERING ROLLER CLEANER (7260) which is no longer available. If you need more cleaning strength, MRC ALT is for you.

### SUPER RINSE-A-WAY 7826

This strong formula quickly and safely removes calcium buildup from press rollers. Calcium salts from paper coating, ink flushes, or hard water cause glazing and stripping that can prevent good ink transfer. Whenever you see a white deposit or an uneven ink film on the form rollers, use SUPER RINSE-A-WAY to keep the press printing properly.

## ACCESSORIES

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### **SOLVENT DISPENSER 7036A**

Our SOLVENT DISPENSER is a high-density polyethylene quart-sized bottle with a swivel lock squirt top. The bottle is graduated and lithographed with an HMIS label. It is ideal for general solvent application.

### **SPRAY HEAD 7036B**

This convenient, multi-purpose SPRAY HEAD has a trigger action. It screws onto our SOLVENT DISPENSER or other standard quart-size bottle.

### **METAL PAIL PUMP 8086**

Our METAL PAIL PUMP is a chrome plated plunger-action pump used for dispensing solvents from 5 gallon metal pails.

### **METAL DRUM PUMP 8087**

The METAL DRUM PUMP is a chrome-plated plunger action pump used for dispensing solvents from 30 or 55 gallons drums. The plated assembly resists all standard presswashes and other solvents.

### **COMBINATION PLASTIC PUMP 8088**

This COMBINATION PLASTIC PUMP is for use with 5, 30, and 55 gallon pails and drums. It is recommended for use with fountain solutions, alcohol substitutes and other water-based products. It is the perfect accessory for taking out small quantities without having to put the drum on a stand.

### **CONDUCTIVITY METER 8089**

Our CONDUCTIVITY METER is the Myron L Model 512M5 DS Meter. This model has a range of 0 to 5000 mmhos (units of conductivity). These meters are rugged and easy to use in the pressroom. You will find them much more durable and accurate than the small pocket type units. They are temperature calibrated and maintenance free.

## ACCESSORIES

### FAIL-SAFE FOUNTAIN SOLUTION MIXING SYSTEM **8070 - 8075**

This is the ideal mixing system for every printer. A small sheet-fed shop can achieve better consistency and prevent overuse and waste of fountain solution. While, a large web shop may not want to make additional large investments. Installed directly onto the water supply line, these injectors operate without electricity, using the flow of water as the power source. These systems are contained within a lockable, heavy duty, stainless steel cabinet. Dimensions of single units are 24" x 15" x 7.5" and double units are 31" x 24" x 7.5." All internal plumbing is included with a pressure regulator, 200 mesh/80 micron filter, one-way check valve, ball valves to control flow, and 3/4" connections. A variety of configurations are available.

### DOSATRON DI 150 **8098**

DOSATRON water driven dispensers are the most widely used pumps in the printing industry. They are even used in the most expensive fountain solution blender/recirculators. The DI 150 is rated at 1 to 5% (1.3 to 6.4 oz./gallon). They are resistant to all common fountain solutions, alcohol substitutes, and silicone emulsions. Repairs are easy with stocked seals and valves.

### DOSATRON DI 210 **8099**

The DI 210 offers the same features as the DI 150, but has a larger dispensing capacity of 2 to 10% (2.6 to 12.8 oz. /gallon). This range is perfect for silicone web-fold applications.

### HAND-KLEENER **8178**

This is the most pleasant hand cleaner on the market today. It cleans astonishingly well, removing many substances that are normally difficult or impossible to remove. HAND-KLEENER is biodegradable, nonpolluting, nonflammable, nontoxic, water soluble, and totally organic. When diluted with water, it is rendered totally harmless.

## PLATE CLEANERS AND WASHES

### PLATE CLEANER / DESENSITIZER **2429**

This is a most effective product for cleaning and desensitizing lithographic plates. It can be used in both the plate room and pressroom for cleaning background scum and desensitizing troublesome scratches caused by adverse handling or press running conditions. It has proven to work very well on negative thermal CTP plates to improve restarts. Due to its strong alkaline pH, it should not be used on unbaked positive or CTP plates!

### DIGITAL PLATE CLEANER **7747**

DIGITAL PLATE CLEANER is a triple action cleaner and desensitizer for use on metal plates, chrome rollers, and metal cylinders. The DIGITAL PLATE CLEANER removes ink, gum glaze, and paper coating, and leaves plate non-image areas clean and desensitized. It contains mild cleaning solvents, acid desensitizers, and gum that are compatible with both positive and all CTP plates! This plate cleaner will not contaminate fountain solutions like strong alkaline products.

### BULLDOG PLATE CLEANER **7771**

BULLDOG PLATE CLEANER is a strong, triple action, cleaner and desensitizer for use on metal plates, chrome rollers, or metal cylinders. The BULLDOG PLATE CLEANER removes ink, gum glaze, and paper coating, and leaves plate non-image areas clean and desensitized. It contains mild cleaning solvents, acid desensitizers, and gum that are compatible with all plates.

## PLATE CLEANERS AND WASHES

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### **KLEEN-A-WAY** 7322

KLEEN-A-WAY is an excellent emulsion type plate cleaner and desensitizer. It quickly removes ink, gum, and paper build-up from image and non-image areas, leaving a clean, hydrophilic background and ink receptive image for fast roll-up.

### **RE-STOR** 7323

RE-STOR is a unique all-in-one product, which combines an excellent plate cleaner, desensitizer, and gum preservative. It also contains an image activator which produces immediate fast roll-ups. RE-STOR will restore all types of plates to run clean with no potential to damage or blind the image.

## WIPE-ON PLATE CHEMISTRY

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### **NEWS PLATE FINISHER** 2430

NEWS PLATE FINISHER was specifically developed to meet the needs of the newspaper industry, but is also applicable to other plate finishing requirements. It consists of a 100% pure gum arabic base, coupled with a cleaning etch. Being red in color, it provides an excellent contrast to other clear plate finishers. It can be used either by hand or in any plate processor to protect plates prior to going to press.

### **WIPE-ON COATING** 4010

WIPE-ON COATING is supplied as a two-component unit consisting of a base solution and a light-sensitive diazo powder to be mixed when needed, thus assuring a long shelf life. It is recommended for wipe-on plates for runs of up to 80,000 impressions.

### **BLACK BRISTLE LACQUER DEVELOPER** 4047

BLACK BRISTLE LACQUER DEVELOPER is a dense black, fast-speed lacquer developer designed to work in any wipe-on processor. The formula contains a special blend of pigments and image forming chemicals to produce an intense black image with a tough film for long press runs.

### **ASPHALTUM GUM ETCH FINISHER** 4055

ASPHALTUM GUM ETCH FINISHER is a product unique to the wipe-on plate process, because it desensitizes the non-image area and greases the image surface facilitating faster roll-ups. It prevents surface oxidation of the non-image. In the pressroom, it is an excellent plate cleaner and provides instant, clean restarts. It is easy to apply and smooth down, thereby eliminating the incidence of plate streaking and gum blinding.

## CERTIFIED LUBRICANTS

**ANCHOR® lubricants and greases are expressly formulated for presses and printing equipment. They contain rust and corrosion inhibitors and antifoam agents to provide full-film lubrication for protection from sudden loads. They also have the exact viscosity to meet tight lubrication tolerances.**

**ANCHOROIL 302 - 7087**  
**502 - 7088**

ANCHOROIL 302 and 502 are high-grade, virgin-base, clinging type lubricating oils with greater load-carrying capability than similar viscosity oils, as well as greater service life. ANCHOROIL 302 and 502 contain additives designed to avoid the development of gum, sludge, and foam. Also, they contain oxidation inhibitors. Many users have reported savings of up to 50% compared to the consumption of other brands.

**PRINTING PRESS OILS M10+ - 7089**  
**M20+ - 7090**  
**M30+ - 7091**  
**M40+ - 7092**

These oils fill needs from the lightweight M10+ for certain hydraulic systems through M40+ for the gear boxes and heavily loaded bearings. All are virgin-base hydraulic oils. They are designed to avoid the development of gum, sludge, and foam in hydraulic and central lubrication systems. Any of these conditions, if allowed to develop, can cause erratic motion or even stoppage of the equipment. These PRINTING PRESS OILS have high flash points and very low pour points.

**PRINTING PRESS OIL M650 7093**

This is a high-grade, virgin-base, turbine-type lubricating oil with a Saybolt Universal Seconds (SUS) rating of 650. It is designed to avoid the development of gum, sludge, and foam in oil lines. PRINTING PRESS OIL M650 contains additives that effectively protect machinery against rust and corrosion. It is also highly resistant to oxidation, thus prolonging the useful service life of the oil.

## CERTIFIED LUBRICANTS

**PRINTING PRESS OIL M960 7095**

M960 is a high-grade, virgin-base, heavy-bodied lubricating oil used for gear drives, air pump units, and for a wide range of presses and auxiliary equipment. It has a high viscosity index; therefore, resisting the tendency to thicken or thin out under extreme operating temperatures better than ordinary oil. It has a high flash point and is designed with a low pour point, which means presses can start easily with a minimum of drag.

**GEAR OIL EP 90 7096**

EP-90 is a high-quality, relatively heavy oil to which an extreme pressure compound has been added. This additive enables the oil to lubricate heavily-loaded, high-speed gears with a film of oil that will give continuous protection at all times. It has a high viscosity index to prevent thickening or thinning due to changes in operating temperatures. It also contains a defoamer to ensure that foam does not prevent lubrication.

**LUBE OIL M157 7097**

M157 is a high-grade, virgin-base, turbine-type, light-bodied oil used in hydraulic pumps and for small bearings. It resists foam, oxidation, and changes in viscosity due to temperature extremes, and has a low pour point.

**GREASE 918 7099**

GREASE 918 is a premium, lithium-based lubricant made especially for roller and ball bearings and for parts without grease or lubrication fittings. It has excellent cohesion characteristics which gives the ability to stick to itself and hold together as a seal. This product contains a stiff, stable grease to bond to the edges of bearings and other places. It will not drip or sling and is completely water resistant.

**ANCHOR-IT 7040**

ANCHOR-IT is a pressure-sensitive adhesive similar to the type used on cellophane tape. It does hundreds of sticking jobs on any smooth surface without damage, and its push-button convenience enables the user to apply just the right amount of adhesive to do any given job.

**FILM KLEEN® 7042**

FILM KLEEN® is a blend of pure solvents that removes smudges, fingerprints, tape adhesives, dust, lint, and spots from all film and glass. It also contains anti-static compounds to prevent static, which causes pinholes in film. It is packaged in easy-to-use aerosol spray cans that do not contain any chlorinated solvents. FILM KLEEN® is also available in a liquid, (7065).

**GLASS KLEEN 7043**

This is an aqueous spray noted for its ability to lift and float off all grease and most forms of grime without harm to any glass or plastic surface. It has been specially formulated for use in the pre-press area, and should not be confused with glass cleaners intended for household use. GLASS KLEEN also prevents the accumulation of static electricity on surfaces. GLASS KLEEN is also available in a liquid, (7066).

**INKOTE 7044**

INKOTE is an anti-skinning compound for ink that contains antioxidants in an easy-to-use spray form. INKOTE provides a protective film against skinning of printing inks and is designed for use in ink cans, fountains, or on ink rollers. Because of its special formulation, INKOTE will not alter the color, consistency, or drying speed of ink. It is also useful as a rust preventive on cutters, jiggers, and unpainted metal surfaces.

**REPELZIT 7048**

This is the most concentrated silicone spray available. The active silicones protect and lubricate any surface to which it is applied. It repels and prevents ink, water, gums, liquids, powders, glues, etc., from adhering to any surface. Over plastic or rubber, it provides protection from water and oxidation.