



...pre-press
product guide...



Varn

Embracing the digital age...

Day International have applied over 50 year's experience working exclusively in the manufacture of pressroom chemicals to produce a quality range of independent pre-press products including chemistry for conventional, existing and emerging CtP plates for all the leading brands of Thermal and Photopolymer plates.

Can we rest now?

Not if we want to keep your trust.



Conventional Plate Chemistry

Varn Developers...

PosiDev	Positive Plate Developer - This is mild positive developer is suitable for machine or hand development of many of the leading European manufactures plates.
PosiDev Premium	Positive Plate developer - This clean working high performance formulation especially designed to give outstanding results for machine development most of the leading European manufactured conventional positive plates.
PosiDev Premium Replenisher	Positive Plate Machine Replenisher - This replenisher is to optimise and maintain the bath life of the PosiDev Premium developer in all leading submersion processors designed to use a low rate replenishment system.
Negative Plate Developer	A developer/replenisher suitable for hand or machine processing of the Lastra Negative Plate Range.

Varn Finishers...

MultiGum	A synthetic plate formulated for use with conventional or CtP Thermal & Photopolymer plates. Optimum viscosity properties to give continuous drying characteristics. Can be used for machine or hand application.
MilkGum	This latest addition product to our range has been designed to desensitise and protect the anodic layer to allow optimum press start up conditions. This ready to use product has been designed especially to offer outstanding application properties thus total protection to the anodic layer of the plate allowing optimum press makeready performance. For machine application use in all of the leading designs of plate processors.
PyroGum Baking Gum	This is a baking gum suitable for machine or hand application and ideal for baking conventional or CtP lithographic aluminium plates in either hanging or conveyor ovens.

Varn Plate and Processor Care Products...

CtP Plate Processor Bath Cleaner	This is a water miscible solution for use in the developer section, it can be applied neat by a clean cloth to remove coating residue from the rollers and around the tank or diluted with water and run within the developer section as part of the processor cleaning procedure. Suitable for all conventional plates and CtP Thermal & Photopolymer plates.
CtP Calcium Deglazer	This product removes the calcium deposits from the rollers within the water wash sections. Excess calcium build up on the rollers within the water section is often the cause of re-depositing of hard calcium spots of onto the plate surface. These are not visible after the plate is gumbed & dried and only show up once the plate is on press causing downtime. Formulated to not cause damage to the roller compound. Suitable for all types of processor water wash sections.
True Blue	Plate cleaner removes semi-dry ink, gum streaks and surface scratches on all conventional lithographic printing plates.

CtP Photopolymer Plate Chemistry

Varn Developers...

PND A high performance developer for negative working Photopolymer plates. This product is especially suited for high volume production environments using machine processing. This is an extremely clean working non foaming solution that enables high volume throughput without the high corrosive properties seen in other solutions offered to the market. Already widely used throughout the world.

Suitable for Use With Agfa N91, N91v and Fuji LPNN, LPNV Photopolymer Plates

PNRultra3 A low volume clean working replenisher designed for use with the PND developer to allow offering the added benefit of only 50ml per sqm meter replenishment required. This new product allows low level replenishment gives the end user the added environmental and cost benefits of significant waste chemical reduction. This clean working chemistry also overcomes dot erosion issues during printing that are caused by the plate manufacturers own processing chemistry. Already used in many high volume accounts across the world.

Suitable for Use With Agfa N91, N91v and Fuji LPNN, LPNV Photopolymer Plates

Varn Finishers...

MultiGum A synthetic plate formulated for use with conventional or CtP Thermal & Photopolymer plates. Optimum viscosity properties to give continuous drying characteristics under high productivity conditions.

Can be used for machine or hand application.

MilkGum This latest addition product to our range has been designed to desensitise and protect the anodic layer to allow optimum press start up conditions. This ready to use product has been designed especially to offer outstanding application properties thus optimum protection to the anodic layer of the plate allowing optimum press makeready performance. For machine application use in all of the leading designs of plate processors.

PyroGum Baking Gum This is a baking gum suitable for machine or hand application and ideal for plate baking in either hanging or conveyor ovens.

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CtP Plate Cleaner This is a unique formulation with no abrasive properties suited for use for the removal of ink or to desensitise without damaging even the softest of CtP plate coatings - from fine tints to large solid area's.



Day's chemical expertise has enabled us to formulate a range of chemistry that offers distinct advantages over existing pre-press products, including improved bath life with cleaner tanks and increased latitude, enabling the throughput of different plate batches without the need to chase coating sensitivity variations, thus resulting in fewer remakes and increased profitability for the end user.

Quality...

Quality is second nature to Day and attention to detail is of paramount importance. All raw materials are rigorously quality inspected to exacting standards before the manufacturing process begins. The same high standards are adhered to throughout the manufacturing process and only when all criteria are met is the product released. All Day quality control procedures conform to **ISO 9002**.

Environment...

As a manufacturer of speciality chemical products, we recognise that many of Day's processes and procedures have the potential to provide an environmental impact. Protection and enhancement of the environment has always been of paramount importance to Day. With the introduction of **ISO 14000**, Day have now put in place the structure to continually assess and improve our commitment to environmental issues.

Benefits...

The major benefits brought by the new chemistry are already being proven in many newspapers, which are using the Varn PND/PNR CtP Photopolymer developer in their processors. Recently, CtP Thermal plate users were also added to the list of content customers when they switched from the manufacturers' developer to the Varn ThermalGold+ and UltimaGold.

Technical Support...

Day have a full team of people and products that can help you resolve any problems that your pre-press area may be experiencing. They are committed to working with our customers to ensure the correct choice and application of the Varn Pre-Press range to combine optimum performance and economy.

CtP Thermal Plate Chemistry

Varn Developers...

ThermalGold+ A high performance Thermal plate developer/replenisher designed for machine development. This revolutionary product gives clean working results whilst maintaining consistent bath activity throughout a extended bath life, under high productivity or even sporadic production conditions.

Suitable for KPG Electra Excel, Creo PTP, Ipagsa Rubi T50 Thermal plates

UltimaGold Thermal developer/replenisher - This unique formulation of Thermal plate chemistry is especially designed to process the Lastra LT2 and Agfa Ampio Thermal plate. This chemistry has an extremely wide processing latitude which enhances the performance and features of the plate.

Suitable for Lastra LT2, Agfa Ampio Thermal plates

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For a full technical product information leaflet on any Varn product, or any other Day International products, e-mail us at salesuk@day-intl.com or visit us at www.dayintl.com



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Further Commitment...

Day will also continue to develop products to meet all existing and emerging plate technologies offered to the market.

In addition, Day are also committed to providing a range of pressroom products designed to enhance and complement plates used within todays markets, this includes fountain solution and washes formulated to improve run length performance. Also for inclusion within the range is a selection of specially designed printing blankets constructed to overcome some of the run length limitations that is often a restriction within emerging plate technologies.

For further information on Day's unique range of CtP compliant products please contact your local Day Dealer/ Representative.

