



who has a unique, complete range of inks  
for plastic container decoration?

**we do with SunPoly™.**

**working for you.**



## Sun Chemical products for plastic container decoration.

With its unrivalled technical resource and service network, Sun Chemical prides itself on being the premier global supplier to many varied industrial and high tech markets. Characterised by the need for constant innovation and superior service, these markets demand a range of technologies, skills and experience that only Sun Chemical can provide.

This complete range of products for direct printing of plastic containers extends from single pack conventional drying inks to the latest in multipurpose UV curing inks and true low migration inks for secondary food packaging. Focusing on our customers peace of mind and ease of use, all the products deliver high impact graphics with outstanding chemical and product resistance.

SunPoly™ products for polyolefin container decoration					
Brand Name	Range Description	Product Range	Features	Benefits	Impact
Polyspeed 53 Series	Single pack conventional solvent based ink for polyolefin containers	Nine basic mixing shades plus black, white and base which can be mixed to make virtually any colour. Slow and brilliant whites, silver and metallic medium. Bespoke shades can be mixed to order. Catalyst	Household goods, including bleach, resistance	Perfect for larger volume containers	Peace of mind
			Single pack	No mixing, long shelf life	Easy to use
			Rapid air drying	No need to stove dry	Can be air dried
			Additional catalyst available	Additional resistance and adhesion at lower treatment levels	Flexible ink system
Unicat 59 Series	Single pack catalytic conventional solvent based ink for polyolefin containers	Ten basic mixing shades plus black, white and base which can be mixed to make virtually any colour. Bespoke shades can be mixed to order. Brilliant white Catalyst	High alcohol resistance	Perfect for cosmetic industry	Long life printed image
			Single pack	No mixing	Easy to use
			Gloss finish	High visual appeal	Perfect for high value cosmetic packaging
			Long shelf life	Minimum six months catalysed life	Reduced waste
Gloss Polycat 56 Series	Two pack catalytic conventional solvent based ink for polyolefin containers	Ten basic mixing shades plus black, white and base which can be mixed to make virtually any colour. Bespoke shades can be mixed to order. High opacity white and selected opaque colours. Catalyst and slow catalyst	All round, ultimate product resistance	Perfect for personal care and cosmetics industry	Peace of mind
			High gloss finish	Highest visual appeal	Perfect for high value packaging
			Fast drying	Increased press speeds	Improved factory throughput
			Long uncatalysed shelf life	Reduced inventory	Reduced waste
Monocure 551 Series	UV curing ink for polyolefin containers	Nine basic mixing shades plus black, white and base which can be mixed to make virtually any colour. Bespoke shades can be mixed to order. Opaque whites. Catalyst, adhesion promoter and accelerator	Suitable for high speed printing on multi colour lines	Excellent inter coat adhesion	Fully resistant off line product
			High degree of product resistance	Essential for household goods, personal care and cosmetics	Perfect for high value packaging
			Optimised rheology for long runs	Perfectly suited for long run lengths	Consistent colour and quality of print
			High gloss finish	Highest visual appeal	Perfect for high value packaging
Monocure Multi Purpose MPC Series	UV curing ink for polyolefin containers	Nine SunMatch mixing shades plus black, white and base which can be mixed to make virtually any colour. Bespoke shades can be mixed to order. Opaque white, dense black, structured base and four colour process set. Adhesion promoter	Multi substrate adhesion	Can be used on many substrates, PE, PP and PET	One ink for all containers
			Optimised rheology	No need for screen heaters	Runs from cold
			Rapid cure	Offline water resistance	Peace of mind
			Opaque whites	Highest opacity on dark containers	Shelf appeal
Monocure Low Migration LMC Series	UV curing ink for polyolefin containers	Nine SunMatch mixing shades plus black, white and base which can be mixed to make virtually any colour. Bespoke shades can be mixed to order	Lowest migration inks	Certified by independent labs <10ppb	Peace of mind
			Meets common inventory list requirements	Nestle and Swiss ordinance list compliant	Meets customer requirements
			Adhesion to polyolefins	Suitable for PE and PP substrates	Meets most packaging material requirements
			Fast curing	Current press speeds maintained	No loss in production throughput

SunPoly™ products for PVC container decoration					
Brand Name	Range Description	Basic mixing	Features	Benefits	Impact
Vynaspeed 44 Series	Single pack conventional solvent based ink for PVC containers	Nine basic mixing shades plus black and white which can be mixed to make virtually any colour. Bespoke shades can be mixed to order. Readymix gold	Highly flexible	No stress cracking or embrittlement	Safe if full containers dropped
			High speed printing	No feathering due to static build up	Clean, high quality prints
			Rapid air drying	No need to stove dry	Can be air dried
			Excellent product resistance	Essential for household goods and personal care	Perfect for high value packaging
Vioflex 40 Series	UV curing ink for PVC containers	Nine SunMatch mixing shades plus black, white and base which can be mixed to make virtually any colour. Bespoke shades can be mixed to order. Opaque white and dense black	Highly flexible	No stress cracking or embrittlement	Safe if full containers dropped
			UV curing	Suitable for high speed printing on multi colour lines	High factory throughput
			High degree of product resistance	Essential for household goods, personal care and cosmetics	Perfect for high value packaging
			High gloss finish	Highest visual appeal	Perfect for high value packaging

For detailed information please refer to the individual product data sheets or your local Sun Chemical location.

Our products are intended for sale to professional users. The information herein is general information designed to assist customers whether our products are suitable for their application. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Sun Chemical be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.



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