



ORGANIC PIGMENTS
FOR DECORATIVE
AND INDUSTRIAL
COATINGS

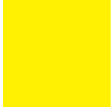
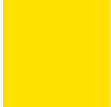










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STRENGTH & TECHNOLOGY IN UNION













KEY TO QUICK REFERENCE GUIDE:

● Recommended ○ Potential Use

	UC Brand Name C.I Name	UC Code	Type	Description	DECORATIVE		INDUSTRIAL		AUTO
					Aqueous	Solvent	Solvent	Powder	Re-Finish
	Sincol Yellow Yellow 3	1104-002	Arylide	Very green shade, used in aqueous and aliphatic solvent based decorative paints.	●	○			
	Sincol Yellow Yellow 13	1126-003	Diarylide	Mid-shade, recommended for economical interior decorative coatings and toy finishes.	●	●	○		
	Sincol Yellow Yellow 65	1134-001	Arylide	Red shade yellow, recommended for decorative, general industrial and architectural coatings.	●	●	●		
	Sincol Yellow Yellow 65	1134-002	Arylide	Easily dispersible grades for 'lead free' road marking paints. 002- for Aqueous based. 005- for Epoxy based, and 006- for Alkyd based.	●				
		1134-005					●		
		1134-006					●		
	Sincol Yellow Yellow 74	1136-D25	Arylide	Mid-shade, recommended for aqueous pigment concentrates. Exhibits high strength with low viscosity and excellent stability.	●				
	Sincol Yellow Yellow 74	1136-D70	Arylide	Mid-shade, opaque. For aqueous and solvent based decorative paints, and selected industrial applications.	●	●	○	○	
	Sinfast Yellow Yellow 83	1160-003	Diarylide	Red shade, for general industrial finishes, and 'lead free' road marking paints.	●	●	●		
	Sinfast Yellow Yellow 83	1160-D91	Diarylide	Red shade, opaque. Very good light-fastness. Recommended as a middle chrome replacement for 'lead free' industrial finishes.		○	●	○	○
	Sinfast Yellow Yellow 110	1110-002	Isoindolinone	Red shade, excellent fastness properties. Useful in combination with other high performance organic and inorganic yellows for industrial & architectural coatings	●	●	●	●	●
	Sinfast Yellow Yellow 138	1148-001	Quinophthalone	Green shade with excellent light and weather fastness in full/deep shades. Often used as base colour in industrial mixing schemes	○	●	●	○	○
	Sinfast Yellow Yellow 139	1129-002	Isoindoline	Red shade, opaque. Very good fastness properties. Recommended as a middle chrome replacement in solvent based industrial finishes.			●	○	●
	Sinfast Yellow Yellow 151	1122-001	Benzimidazolone	Green shade, suitable as lemon chrome replacement in solvent based industrial finishes.		○	●	○	●










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				Aqueous	Solvent	Solvent	Powder	Re-Finish
 Sinfast Yellow Yellow 154	1123-001	Benzimidazolone	Mid shade, excellent fastness to light and weathering. Recommended for high grade industrial and architectural coatings.			●	○	●
 Sinfast Yellow Yellow 155	1135-001	Bisacetoacetarylide	Mid shade, high strength. Very good fastness to light and weathering in full shades. Recommended for industrial finishes.			●	○	○
 Sincol Orange Orange 5	2166-001	β Naphthol	Red shade, economical orange for aqueous and aliphatic solvent based decorative paints.	●	●			
 Sinfast Orange Orange 36	1158-001	Benzimidazolone	Opaque, excellent light-fastness. Used as molybdate orange replacement for the production of 'lead free' industrial coatings.		●	●	○	●
 Sincol Scarlet Red 3	3138-002	β Naphthol	Yellow shade, used in interior aqueous systems and aliphatic full shade decorative paints.	●	●			
 Sinfast Red Red 5	3107-D21	Naphthol AS	Blue shade, used in general industrial finishes and antifouling coatings.	○		●		
 Sincol Red Red 5	3107-G15	Naphthol AS	Blue shade, recommended for high pigmentation aqueous dispersions. Excellent rheology.	●				
 Sincol Red Red 48:4	3126-001	BONA, Mn	Mid shade, used in combination with molybdate orange for economical industrial reds.			●		
 Sincol Red Red 48:4	3126-002	BONA, Mn	Very blue shade, used in combination with molybdate orange for economical industrial reds/maroons.			●		
 Sinfast Red Red 112	3150-001	Naphthol AS	Mid shade, recommended for interior aqueous decorative systems	●				
 Sinfast Red Red 112	3150-002	Naphthol AS	Mid shade, recommended for interior aliphatic solvent based decorative and industrial coatings.		●	○		
 Sindo Red Red 122	3122-001	Quinacridone	Blue shade, excellent fastness properties. Used in most decorative and industrial coatings as self shade and as a shading component of other organic reds.	●	●	●	○	●

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					Aqueous	Solvent	Solvent	Powder	Re-Finish
	Sindcon Red Red 166	3266-001	Disazo Condensation	Yellowish shade, with very good light and weather fastness. Recommended for high grade industrial finishes, auto refinish and architectural coatings.	●	●	●	●	●
	Sinfast Red Red 170	3128-001	Naphthol AS	Blueish shade, good fastness properties, used in many economical industrial reds where high durability is not a requirement.		○	●	○	
	Sinfast Red Red 170	3128-003	Naphthol AS	Mid shade, opaque, very good light-fastness. Recommended for bright red 'lead free' industrial finishes.		○	●	○	○
	Sindo Violet Violet 19	6219-001	Quinacridone	Very blue shade, very good fastness properties. Often used with other organic and inorganic pigments as a shading component.	●	●	●	○	●
	Sincar Violet Violet 23	6260-004	Dioxazin	Red shade, used in all decorative and industrial coatings as self shade or as a shading component of reds and blues and tinter of whites	○	●	●	○	●
	Sinco Blue Blue 15:1	4372-002	Cu Phthalo, α	Red shade, excellent all round fastness properties. Recommended for solvent based industrial finishes.	○	○	●	○	●
	Sinco Blue Blue 15:2	4388-002	Cu Phthalo, α	Red shade, very good flocculation resistance. Used mainly in Industrial finishes.		○	●		
	Sinco Blue Blue 15:3	4382-006	Cu Phthalo, β	Green shade, excellent all round fastness properties. Used in most decorative and selected industrial systems.	●	●	○		
	Sinco Green Green 7	5436-002	Cu Phthalo	Excellent all round fastness properties Recommend for solvent based decorative and industrial finishes.	○	●	●		

- Product technical data sheets are available on request.
- Diarylide pigments may decompose >200°C, see ETAD Notice No.2
- The information in this brochure is based on our current knowledge, information and experience. Responsibility or liability cannot be assumed for factors lying outside our knowledge and or control.
- Due to the limitations of the four colour printing process, the colour panels in this brochure may not match the actual shade of the specific pigment. They are for illustrative purposes only.

Technical Competence ...



MAKING IS THE DIFFERENCE

Union Colours is a wholly owned international division of the Longyu Pigment and Chemicals Corporation, the largest Organic Pigment manufacturer in China. First established in 1980, our parent group has grown to be a major force in the production of Organic pigments.

The main production site in China is situated at an industrial park in Changzhou, Jiangsu. Here we manufacture the bulk colour lines to internationally required standards, that are used in the Printing Ink, Coatings and Plastics industries world-wide. With continuous investment in new plant and technology the plant is modern, efficient and exceeds all local, regional and national environmental requirements. Our pigment dispersions plant in China is in Nanjing, Jiangsu. Here we manufacture our Unicol D range of aqueous pigment dispersions.

Whilst having substantial production capacity, the factory is supported by satellite units which produce the lesser

volume high performance colour lines. In addition, we have an alliance with Rolfes Pigments in Johannesburg, South Africa, where we make specialised grades of pigments which are often developed and tailor made to individual customer requirements.

Our technical activities are global, steered from our purpose built Technical Centre in the United Kingdom, we have development and testing capabilities on three continents. This allows us to bring together our customers, development, manufacturing and quality control, resulting in a robust, sustainable supply chain and product improvement programme.

In the 10 years since our formation we have been engaged in a technically lead campaign to improve the performance of our products. The continued success of this development programme is resulting in us increasingly being considered as one of the market leaders.

'Strength and Technology in Union'



New Water Treatment Plant, China

“ As a preferred supplier we adopt strategies to ensure continuity of supply ”



UK Headquarters and Technical Centre



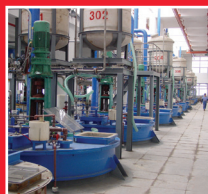
Office & Laboratories China



Laboratory South Africa



UK Development Laboratory



Pigment Production Line China



Dispensing Line South Africa

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