



# COSMETIC Colors

BECAUSE EVERY PERSONALITY  
IS UNIQUE, WE CREATE THE PUREST  
AND MOST INTENSE COLORS  
TO REVEAL EACH INDIVIDUALITY.

E x P E R

Dyes, Pigments,  
Pigment dispersions, Pearls,  
Surface treatments applied on  
pigments and pearls...

T I S E

As a primary manufacturer of certified dyes and pigments and enjoying the successful color expertise of Sensient group, we offer globally compliant colors, specialty blending, surface treatments, specialty milling and pigments dispersions to satisfy your most demanding individual requirements.

## Sensient Cosmetic Technologies

is committed to developing, producing and marketing high quality ingredients and colorants for the cosmetic industry. Our global production facilities provide cosmetic companies around the world with a wide range of products for make-up, skin care, hair care, personal hygiene, oral care and fragrance applications. In partnership with our customers we constantly care about offering a global service through:

- Consistent quality to all manufactured products
- Regulatory support
- Usage limits and labelling requirements
- Technical expertise and advice through innovative laboratory trials
- Fast and courteous customer service

We support and solve our customers' needs with innovation, technical expertise and formulations development.

# EXPERTISE IN COLORS

### Consistent quality

All manufactured batches undergo rigorous testing to guarantee consistency, purity and reliability, to ensure our products meet our customers' strict demands.

### Regulatory support

Our products meet the requirements of one or more of the following regulatory standards:

Europe

European Cosmetic Regulation 1223/2009/EC

(including amendments, Annex IV)

Food Regulation 231/2012/EU

USA

21 CFR – Code of Federal Regulations

Japan

Ministry of Health, Labor and Welfare Ordinance No. 126 of

July 29, 2009

China

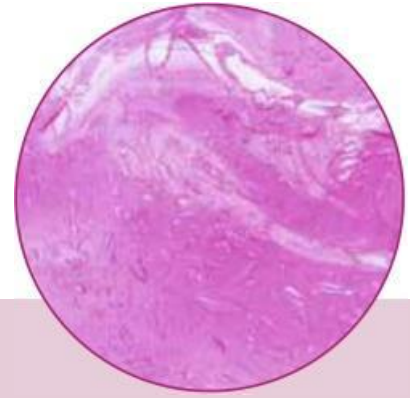
Hygienic Standard for Cosmetics, Ver. 2015



The group of products presented in this brochure will enable the user to obtain the best possible results from the standpoint of tints and general suggested use. However, we would recommend that users of our products carry out all necessary tests to determine their suitability for use in a given formulation.

Contact our sales team to enjoy our innovations and high performance products.

# Cosmetic Dyes



DYES

As the world's leading manufacturer of high quality colors, Sensient offers an extensive range of natural and synthetic colors around the world.

## Synthetic dyes

Sensient Cosmetic Technologies has a complete range of synthetic colors manufactured to the highest standards for the cosmetic market. They include FD&C, D&C and Ext. D&C dyes but also EC food dyes in powder form. Thanks to the undisputed leadership of Sensient group in synthetic colors, our products are designed to unlock valuable opportunities, provide optimum performance and present superior solutions for cosmetic formulations. The product ranges, Unicert-J, Dyes-C, Phat and EC food dyes, contain synthetic water-soluble and oil-soluble colors conforming to cosmetic color regulations.

## Natural dyes

Sensient Cosmetic Technologies presents Natpure Col, a range of specialty natural dyes from vegetal renewable sources. All the products meet purity criteria and characteristics set by the Food Regulation 231/2012/EC. Combining the expertise and application know-how in natural colors, Sensient offers superior products with respect to stability, quality and safety.

## Association with color protectors

We recommend the use of color protectors to overcome frequent light stability issues occurring in formulation. Sensient offers a wide range of color protectors adapted to different kind of applications (Covabsorb, Covabsor DS, Covabsorb EW, Sensisorb CF +).

## Unicert-J for a global compliance

Unicert-J range is the first generation of colors in compliance with European, American, Japanese and Chinese cosmetic regulations. These dyes are manufactured internationally by Sensient Technologies in Mexico, Europe and the USA. A sample from every manufactured batch is submitted to the Color Certification Branch of the FDA who certifies the compliance with the defined specifications. UNICERT-J batches are then specially selected for their additional compliance with the European Cosmetic Regulation 1223/2009/EC (Food Regulation 231/2012/EU for the food grades) while also conforming to the specifications given by the Japanese and Chinese regulations. To insure regulatory compliance, Sensient Cosmetic Technologies performs supplementary analyses and controls, not imposed by the FDA, but specified in the mentioned cosmetic regulations.

## Global dyes

- Globally approved synthetic dyes
- First generation of colors in compliance with European, American, Japanese and Chinese cosmetic regulations.
- Water-soluble, oil-soluble grade and bromo acids.

### Water Soluble dyes

Shade	Product name	Main color labelling Europe / China - USA - Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	UNICERT® YELLOW 08005-J	CI 19140 Yellow 5 Ki 4 [Yellow 4]	PT/BP 1 E102	MEA	I	PT/BP 1	P-WS	Good
	UNICERT® YELLOW 08006-J	CI 15985 Yellow 6 Ki 5 [Yellow 5]	PT/BP 1 E110	M	I	PT/BP 1	P-WS	Good
	UNICERT® YELLOW K7005-J	CI 45350 Yellow 8 Ki 202-(1) [Yellow 202-(1)]	PT/BP 1 =0%MAX	EXT	I	PT/BP 1 =0%MAX	P-WS	Poor
	UNICERT® YELLOW K7164-J	CI 10316 Ext. Yellow 7 Ki 403-(1) [Yellow 403-(1)]	PT/BP 2	EXT	II	PT/BP 2	P-WS	Moderate
	UNICERT® ORANGE K7011-J	CI 15510 Orange 4 Daidai 205 [Orange 205]	PT/BP 2	EXT	I	PT/BP 2	P-WS	Good
	UNICERT® RED 07004-J	CI 14700 Red 4 Aka 504 [Red 504]	PT/BP 1	EXT	II	PT/BP 1	P-WS	Good
	UNICERT® RED K7008-J	CI 45380 Red 22 Aka 230-(1) [Red 230-(1)]	PT/BP 1	M	I	PT/BP 1	P-WS	Poor
	UNICERT® RED K7054-J	CI 45410 Red 28 Aka 104 -(1) [Red 104-(1)]	PT/BP 1	M	I	PT/BP 1	P-WS	Poor
	UNICERT® RED K7057-J	CI 17200 Red 33 Aka 227 [Red 227]	PT/BP 1	EXT*	I	PT/BP 1	P-WS	Good
	UNICERT® VIOLET K7025-J	CI 60730 Ext. Violet 2 Murasaki 401 [Violet 401]	PT/BP 3	EXT	II	PT/BP 3	P-WS	Very good
	UNICERT® VIOLET K7116-J	CI 60730 Ext. Violet 2 Murasaki 401 [Violet 401]	PT/BP 3	EXT	II	PT/BP 3	P-WS	Very good
	UNICERT® BLUE 05601-J	CI 42090 Blue 1 Ao 1 [Blue 1]	PT/BP 1 E133	MEA	I	PT/BP 1	P-WS	Good
	UNICERT® GREEN 06503-J	CI 42053 Green 3 Midori 3 [Green 3]	PT/BP 1	M	I	PT/BP 1	P-WS	Moderate
	UNICERT® GREEN K7015-J	CI 61570 Green 5 Midori 201 [Green 201]	PT/BP 1	MEA	I	PT/BP 1	P-WS	Very good
	UNICERT® GREEN K7157-J	CI 59040 Green 8 Midori 204 [Green 204]	PT/BP 3	EXT =0.01% max	I	PT/BP 3	P-WS	Very good






P-WS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

# Unicert®-J




## Global dyes

# &

# Dyes-C

Shade	Product name	Main color labelling Europe / China - USA - Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	UNICERT® BROWN REPLACEMENT-J	CI 14700 / CI 19140 / CI 17200 D&C Brown n°1 Replacement Red 504 / Yellow 4 / Red 227	PT/BP 1	EXT	II	PT/BP 1	P-WS	Good
	D&C YELLOW N°10 K7059-C	CI 47005 Yellow 10 Ki 203 [Yellow 203]	---	M	I	PT/BP 1	P-WS	Good
	JAUNE DE QUINOLEINE 70% E104-C	CI 47005 --- Ki 203 [Yellow 203]	PT/BP 1 E104	---	I	PT/BP 1	P-WS	Good
	FD&C RED N°40 07700-C	CI 16035 Red 40 ---	PT/BP 1 E129	MEA	---	PT/BP 1	P-WS	Good
	PONCEAU 4R 80% E124-C	CI 16255 --- Aka 102 [Red 102]	PT/BP 1 E124	---	I	PT/BP 1	P-WS	Good

## Bromo acids

Shade	Product name	Main color labelling Europe / China - USA - Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	UNICERT® ORANGE K7003-J	CI 45370 Orange 5 Daidai 201 [Orange 201]	PT/BP 1	EXT**	I	PT/BP 1	P-OD	Poor
	UNICERT® RED K7053-J	CI 45410 Red 27 Aka 218 [Red 218]	PT/BP 1	M	I	PT/BP 1	P-OD	Poor
	UNICERT® RED K7061-J	CI 45380 Red 21 Aka 223 [Red 223]	PT/BP 1	M	I	PT/BP 1	P-OD	Poor



--- = not permitted

P-WS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

Europe / China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products.

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)





\* : Permitted for nail and hair products only.

# Unicert®-J & Phat







## Global dyes

- Globally approved synthetic dyes
- First generation of colors in compliance with European, American, Japanese and Chinese cosmetic regulations.
- Water-soluble, oil-soluble grade and bromo acids.

### Oil Soluble dyes

Shade	Product name	Main color labelling Europe / China - USA - Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	UNCERT® YELLOW K7064J	CI 47000 Yellow 11 Ki 204 [Yellow 204]	PT/BP 3	EXT	*	PT/BP 3	P-OS	Good
	D&C RED N°17 K7007	CI 26100 Red 17 Aka 225 [Red 225]	PT/BP 3	EXT	I	—	P-OS	Good
	UNCERT® VIOLET K7014J	CI 60725 Violet 2 Murasaki 201 [Violet 201]	PT/BP 1	EXT	I	PT/BP 1	P-OS	Good
	UNCERT® GREEN K7016J	CI 61565 Green N°6 Midori 202 [Green 202]	PT/BP 1	EXT	I	PT/BP 1	P-OS	Good

- Mixture of FDA certified oil-soluble dyes
- Superior batch to batch consistency

Shade	Product name	Main color labelling Europe / China - USA - Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	PHAT ORANGE DC 2204	CI 47000 / CI 26100 Yellow 11 / Red 17 Yellow 204 / Red 225	PT/BP 3	EXT	*	—	P-OS	Good
	PHAT BLUE DC 6204	CI 61565 / CI 60725 Green 6 / Violet 2 Green 202 / Violet 201	PT/BP 1	EXT	I	PT/BP 1	P-OS	Good
	PHAT GREEN DC 7215	CI 47000 / CI 61565 / CI 60725 Yellow 11 / Green 6 / Violet 2 Yellow 204 / Green 202 / Violet 201	PT/BP 3	EXT	*	PT/BP 3	P-OS	Good
	PHAT BROWN DC 8206	CI 61565 / CI 26100 / CI 60725 / CI 47000 Green 6 / Red 17 / Violet 2 / Yellow 11 Green 202 / Red 225 / Violet 201 / Yellow 204	PT/BP 3	EXT	*	—	P-OS	Good
	PHAT BLACK DC 9203	CI 61565 / CI 26100 Green 6 / Red 17 Green 202 / Red 225	PT/BP 3	EXT	I	—	P-OS	Good
	PHAT BLACK DC 9206	CI 61565 / CI 60725 / CI 26100 Green 6 / Violet 2 / Red 17 Green 202 / Violet 201 / Red 225	PT/BP 3	EXT	I	—	P-OS	Good







PWS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

# EC Dyes

## Synthetic Food dyes

- Synthetic water-soluble dyes
- Meet purity criteria and characteristics set by EC Food Directive 231/2012/EU exclusively.

### Water Soluble dyes

Shade	Product name	Main color labelling Europe / China USA Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	TARTRAZINE 85% E102	CI 19140 - -	PT/BP 1 E102	--	--	--	P-WS	Good
	SUNSET YELLOW FCF 85% E110	CI 15985 - -	PT/BP 1 E110	--	--	--	P-WS	Good
	PONCEAU 4R 80% E124-C	CI 16255 - -	PT/BP 1 E124	--	I	PT/BP 1	P-WS	Good
	BLEU PATENTIE 85% E131	CI 42051 - -	PT/BP 1 E131	--	--	--	P-WS	Moderate
	BLEU BRILLANT FCF 85% E133	CI 42090 - -	PT/BP 1 E133	--	--	--	P-WS	Good
	NOR BRILLANT BN 80% E151	CI 28440 - -	PT/BP 1 E151	--	--	--	P-WS	Good

-- = not permitted

P-WS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

Europe / China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT<sup>®</sup> : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT<sup>\*\*</sup> : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT<sup>\*\*</sup> : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouges, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

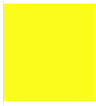











III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)

\* : Permitted for nail and hair products only.

# EC Cosmetic Dyes

## Water Soluble dyes

- Synthetic water-soluble dyes
- Mixture of EC dyes to achieve a wide portfolio of colors
- Meet purity criteria and characteristics set by EC Food Directive 231/2012/EU exclusively.

Shade	Product name	Main color labelling Europe / China USA Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	ANANAS W 1004	CI 47005 — —	PT/BP 1 E104	—	—	—	P-WS	Good
	JAUNE SOLIDE W 1000	CI 19140 — —	PT/BP 1 E102	—	—	—	P-WS	Good
	JAUNE CITRON	CI 19140 — —	PT/BP 1 E102	—	—	—	P-WS	Good
	ORANGE SOLEIL W 2002	CI 15985 — —	PT/BP 1 E 110	—	—	—	P-WS	Good
	ORANGE SOLUBLE W 2000	CI 15510 — —	PT/BP 2 -	—	—	—	P-WS	Good
	ROUGE VIF W 3002	CI 16255 — —	PT/BP 1 E124	—	—	—	P-WS	Good
	ROUGE RUBIS W 3004	CI 14720 — —	PT/BP 1 E122	—	—	—	P-WS	Good
	ROUGE CERISE W 3007	CI 16185 — —	PT/BP 1 E 123	—	—	—	P-WS	Good
	ROSE BONBON W 3006	CI 45430 — —	PT/BP 1 E 127	—	—	—	P-WS	Good
	ROSE COVASOL W 4002	CI 45100 — —	PT/BP 4 -	—	—	—	P-WS	Poor
	VIOLET COVASOL W5002 CONCI20	CI 60730 — —	PT/BP 3 -	—	—	—	P-WS	Good
	VIOLET COVASOL W 5008	CI 45100/CI 18965 — —	PT/BP 4 -	—	—	—	P-WS	Good



# EC Cosmetic Dyes

## Water Soluble dyes

Shade	Product name	Main color labelling Europe / China USA Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	BLEU AZUR W6004	CI 74180 — —	PT/BP 4 -	—	—	—	PWS	Good
	BLEU SOLUBLE W6002	CI 42090 — —	PT/BP 1 E133	—	—	—	P-WS	Good
	BLEU W 683	CI 42051 — —	PT/BP 1 E131	—	—	—	PWS	Good
	VERT COVASOL W 7035	CI 42090 / CI 19140 — —	PT/BP 1 E133 E102	—	—	—	PWS	Good
	VERT MENIHEC	CI 19140 / CI 42051 — —	PT/BP 1 E102 E131	—	—	—	PWS	Good
	VERT COVASOL W 7019	CI 47005 / CI 74180 — —	PT/BP 4 E104 -	—	—	—	PWS	Good
	VERT MENIHEE	CI 19140 / CI 42051 — —	PT/BP 1 E102 E131	—	—	—	PWS	Good
	VERT COVASOL W 7034	CI 19140 / CI 42090 — —	PT/BP 1 E102 E133	—	—	—	PWS	Good
	FLUORESCINE W742	CI 45350 — —	PT/BP 1 =0%MAX	—	—	—	PWS	Poor
	VERT FLUORESCENT COVASOL W7039	CI 42090 / CI 45350 — —	PT/BP 1 E102 =0%MAX <sub>[1]</sub>	—	—	—	P-WS	Moderate
	VERT TURQUOISE W7003	CI 61570 — —	PT/BP 1 -	—	—	—	PWS	Good
	VERT B W7002	CI 10020 — —	PT/BP 3 -	—	—	—	P-WS	Moderate

— = not permitted

P-WS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

[1] : Vert Fluorescent Covasol W7039 = 25% MAX

Europe / China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1: allowed in all cosmetic products

PT/BP 2: allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3: allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4: allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA: for coloring cosmetics generally, including those intended for use in the area of the eye.

M: for coloring cosmetics generally.

EXT: for coloring externally applied cosmetics.

EXT/EA: for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B: for coloring the following cosmetics only: eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T: for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)




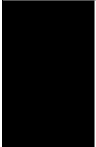
III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliner, external, and rinse-off)

\*: Permitted for nail and hair products only.

# EC Cosmetic Dyes

## Water Soluble dyes

- Synthetic water-soluble dyes
- Mixture of EC dyes to achieve a wide portfolio of colors
- Meet purity criteria and characteristics set by EC Food Directive 231/2012/EU exclusively.

Shade	Product name	Main color labelling Europe / China USA Japan	Color Regulations				Appearance	Light Fastness
			Europe	USA	Japan	China		
	BRUN SOLIDE W 8008	CI 19140 / CI 16255 / CI 28440 — —	PT/BP1 E102 E124 E151	--	--	--	PWS	Good
	BRUN FONCE W 8005	CI 15985 / CI 19140 / CI 28440 — —	PT/BP1 E110 E102 E151	--	--	--	PWS	Good
	NOIR W 699	CI 20470 — —	PT/BP4	--	--	--	PWS	Good
	NOIR ALIMENTAIRE W9001	CI 42051 / CI 16185 / CI 28440 / CI 19140 — —	PT/BP1 E 131 E 123 E 151 E 102	--	--	--	PWS	Good

-- = not permitted

PWS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

# Natpure® Col

## Natural Food dyes



- An extensive range of speciality natural dyes from vegetable sources
- Meet purity criteria and characteristics set by the EC Food Directive 231/2012/EU
- Superior products with respect to stability, quality and safety
- Ecocert compliant grades (\*) and Cosmos compliant grade (\*\*)

### Water Soluble dyes

Shade	Product name	Main color labelling Europe / China USA Japan	Color Regulations			Appearance	Light Fastness
			Europe	USA	Japan		
	NATPURE® COL ORANGE LC 217*	CI 40800 Beta-Carotene Beta-Carotene	PT/BP 1 E160a(ii)	MEA	I Not approved for eyeliners	P-WS	Poor
	NATPURE® COL RED LC 313	Beetroot red — Beetroot red	PT/BP 1 E162	—	Not regulated (considered as cosmetic ingredient)	P-WS	Poor
	NATPURE® COL GREEN LC 717**	CI 75810 Chlorophyllin-copper complex Sodium copper chlorophyllin	PT/BP 1 E141(ii)	T	I	P-WS	Good
	NATPURE® COL BROWN LC 816	Caramel Caramel Caramel	PT/BP 1 E150c	MEA	I	P-WS	Very good
	NATPURE® COL BROWN LC 817**	Caramel Caramel Caramel	PT/BP 1 E150a	MEA	I	P-WS	Moderate
	CARMIN SOLUBLE W 3014	CI 75470 Carmine Carmine	PT/BP 1 E120	MEA	I	P-WS	Good

### Oil Soluble dyes

	NATPURE® COL YELLOW LC 112*	CI 75300 — Turmeric	PT/BP 1 E100	—	I	P-OS	Poor
	NATPURE® COL ORANGE LC 214L*	CI 75120 Annatto Annatto	PT/BP 1 E160b	MEA	I	L-OS	Poor
	NATPURE® COL RED LC 318L	CI 40800 Beta-Carotene Beta-Carotene	PT/BP 1 E160a(iii)	MEA	I Not approved for eyeliners	L-OS	Poor
	NATPURE® COL GREEN LC 720L*	CI 75810 — —	PT/BP 1 E141(i)	—	—	L-OS	Good

— = not permitted

P-WS : Powder-Water Soluble / P-OS : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

Europe / China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)

\* : Permitted for nail and hair products only.



# Cosmetic Pigments



Unipure® LC is a complete line of purified lakes, mineral and organic pigments, specifically developed to meet the current – and anticipate the future – requirements of the cosmetic industry.

## Superior batch to batch consistency

We guarantee a global color difference  $\Delta E < 1.2$  units for all batches of a given item when compared to the standard sample. This assessment is valid when performed under test method 10-126 which will be sent upon request.

## Superior Chroma

All items have the highest possible color purity (also called chroma or saturation) for a given chemical structure. This can be measured by the  $C^*$  value in the  $L^*C^*h$  cylindrical CIELAB 1976 color space system.

## Superior dispersibility

All batches have outstanding and reproducible dispersibility with no aggregates above 5 microns.

## Superior Chemical Purity

All items in this range have very low levels of impurities, well below what is required by the major existing color regulations.

Color Labelling	Europe
Iron oxides	Ni < 50 ppm Cr < 50 ppm Co < 30 ppm
Iron oxides - New generation Unipure Yellow LC® 188 Unipure Red LC® 388 Unipure Black LC® 988 Unipure Black LC® 998	Ni < 10 ppm Cr < 25 ppm Co < 15 ppm
Chromium oxides (Patented process)	Cr <sub>6+</sub> < 5 ppm
Iron blue	CN < 2 ppm
Organic and lake pigments*	BaSO <sub>4</sub> -free <sup>(1)</sup> Rosin-free <sup>(2)</sup>












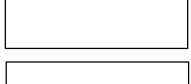

(1) except for Unipure Red LC 304

(2) except for Unipure Red LC3071







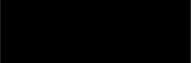



# Unipure LC®

## Iron Oxides & Titanium Dioxides

Full Shade	Reduced Shade	Product name	Chemical formula	Particle shape
		UNIPURE YELLOW LC182	$\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Acicular
		UNIPURE RED LC381	$\text{Fe}_2\text{O}_3$	Spheroidal
		UNIPURE RED LC383	$\text{Fe}_2\text{O}_3$	Spheroidal
		UNIPURE RED LC386	$\text{Fe}_2\text{O}_3$	Spheroidal
		UNIPURE BROWN LC881	$\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$ $\text{Fe}_2\text{O}_3$ $\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Blend
		UNIPURE BROWN LC887	$\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$ $\text{Fe}_2\text{O}_3$ $\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Blend
		UNIPURE BROWN LC889	$\text{Fe}_2\text{O}_3$ $\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Blend
		UNIPURE BLACK LC989	$\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Cubic
		UNIPURE TRIPLE BLACK LC990	$\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Cubic
		UNIPURE WHITE LC981	$\text{TiO}_2$	Anatase
		UNIPURE WHITE LC987	$\text{TiO}_2$	Rutile

## Unipure LC® HP

		UNIPURE YELLOW LC188	$\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Acicular
		UNIPURE RED LC388	$\text{Fe}_2\text{O}_3$	Spheroidal
		UNIPURE BLACK LC988	$\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Cubic
		UNIPURE BLACK LC998	$\text{FeO} \cdot \text{Fe}_2\text{O}_3$	Cubic

Europe / China

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

Japan

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)

\* : Permitted for nail and hair products only.

- Wide range of shades
- Batch to batch consistency
- Very low impurities level

Color Index	INCI & Regulations				Comments
	Europe	China	USA	Japan	
CI 77492	CI 77492 PT/BP 1 / E172	CI 77492 PT/BP 1	Iron Oxides MEA	Yellow Oxide of Iron I	
CI 77491	CI 77491 PT/BP 1 / E172	CI 77491 PT/BP 1	Iron oxides MEA	Red Oxide of Iron I	
CI 77491	CI 77491 PT/BP 1 / E172	CI 77491 PT/BP 1	Iron oxides MEA	Red Oxide of Iron I	
CI 77491	CI 77491 PT/BP 1 / E172	CI 77491 PT/BP 1	Iron oxides MEA	Red Oxide of Iron I	
CI 77492 / CI 77491 / CI 77499	CI 77492 / CI 77491 / CI 77499 PT/BP 1 / E172	CI 77492 / CI 77491 / CI 77499 PT/BP 1	Iron oxides MEA	Yellow, Red, Black Oxides of Iron I	
CI 77491 / CI 77492 / CI 77499	CI 77491 / CI 77492 / CI 77499 PT/BP 1 / E172	CI 77491 / CI 77492 / CI 77499 PT/BP 1	Iron oxides MEA	Yellow, Red, Black Oxides of Iron I	
CI 77491 / CI 77499	CI 77491 / CI 77499 PT/BP 1 / E172	CI 77491 / CI 77499 PT/BP 1	Iron oxides MEA	Red, Black Oxides of Iron I	
CI 77499	CI 77499 PT/BP 1 / E172	CI 77499 PT/BP 1	Iron oxides MEA	Black Oxide of Iron I	
CI 77499	CI 77499 PT/BP 1 / E172	CI 77499 PT/BP 1	Iron oxides MEA	Black Oxide of Iron I	
CI 77891	CI 77891 PT/BP 1 / E171	CI 77891 PT/BP 1	Titanium dioxide MEA	Titanium dioxide I	
CI 77891	CI 77891 PT/BP 1 / E171	PT/BP 1	Titanium dioxide MEA	Titanium dioxide I	
CI 77492	CI 77492 PT/BP 1 E172	CI 77492 PT/BP 1	Iron Oxides MEA	Yellow Oxide of Iron I	Higher purity
CI 77491	CI 77491 PT/BP1 E172	CI 77491 PT/BP 1	Iron oxides MEA	Red Oxide of Iron I	Higher purity
CI 77499	CI 77499 PT/BP1 E172	CI 77499 PT/BP 1	Iron oxides MEA	Black Oxide of Iron I	Higher purity
CI 77499	CI 77499 PT/BP1 E172	CI 77499 PT/BP 1	Iron oxides MEA	Black Oxide of Iron I	Higher purity

P-W/S : Powder-Water Soluble / P-O/S : Powder-Oil Soluble / P-OD : Powder-Oil Dispersible / L-OS : Liquid-Oil Soluble

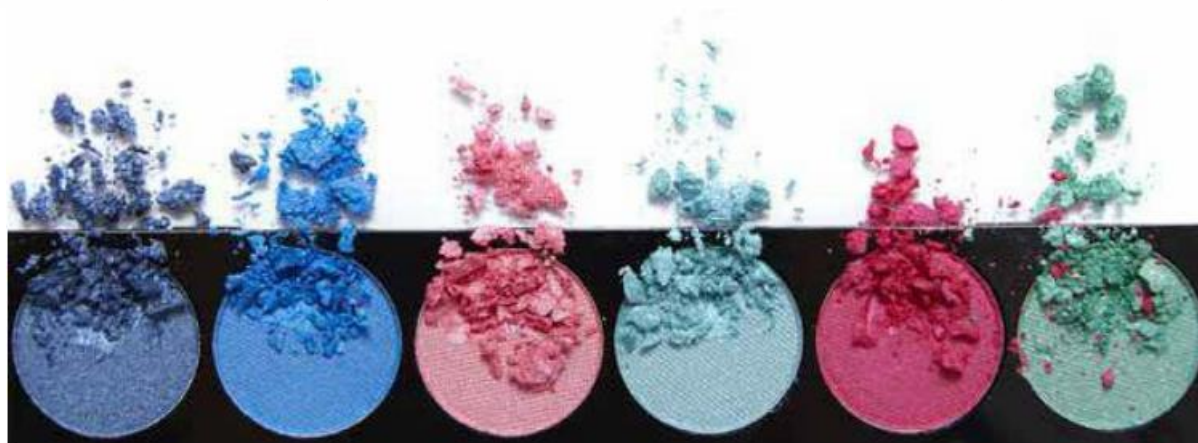
USA  
MEA: for coloring cosmetics generally, including those intended for use in the area of the eye.  
M: for coloring cosmetics generally.  
EXT: for coloring externally applied cosmetics.  
EXT/EA: for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.  
EXT\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.  
EXT\*\*\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products.  
B: for coloring the following cosmetics only: eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.  
T: for use only in toothpastes at not more than 0.1 %

# Unipure LC®

## Ultramarine, Manganese Violet, Ferric Ferrocyanide and Chromium green pigments

Full Shade	Reduced Shade	Product name	Chemical formula	Particle shape
		UNIPURE VIOLET LC581	$MnNH_4P_2O_7$	Spheroidal
		UNIPURE PINK LC583	$MnNH_4P_2O_7$	Spheroidal
		UNIPURE PINK LC589	$Na_7Al_6Si_6O_{24}S_3$	Spheroidal
		UNIPURE VIOLET LC585	$Na_7Al_6Si_6O_{24}S_3$	Spheroidal
		UNIPURE VIOLET LC587	$Na_7Al_6Si_6O_{24}S_3$	Spheroidal
		UNIPURE BLUE LC680	$Na_7Al_6Si_6O_{24}S_3$	Spheroidal
		UNIPURE BLUE LC686	$Na_7Al_6Si_6O_{24}S_3$ Silica	Spheroidal
		UNIPURE BLUE LC685	$Ca_3FeN_6.Fe.H_4N$ Talc	Blend
		UNIPURE GREEN LC788	$Cr_2O_3$	Rhombohedral
		UNIPURE GREEN LC790 CF <b>NEW</b>	$Cr_2O_3 \cdot 2H_2O$	Spheroidal





- Wide range of shades
- Batch to batch consistency
- Very low impurities level

Color Index	INCI & Regulations				Comments
	Europe	Chine	USA	Japan	
CI 77742	CI 77742 PT/BP 1	CI 77742 PT/BP 1	Manganese Violet MEA	Manganese Violet I	Not stable in alkali conditions
CI 77742	CI 77742 PT/BP 1	CI 77742 PT/BP 1	Manganese Violet MEA	Manganese Violet I	Not stable in alkali conditions
CI 77007	CI 77007 PT/BP 1	CI 77007 PT/BP 1	Ultramarines EXIEA	Ultramarine Pink I	Not stable in acid conditions
CI 77007	CI 77007 PT/BP 1	CI 77007 PT/BP 1	Ultramarines EXIEA	Ultramarine Violet I	Not stable in acid conditions
CI 77007	CI 77007 PT/BP 1	CI 77007 PT/BP 1	Ultramarines EXIEA	Ultramarine Violet I	Not stable in acid conditions
CI 77007	CI 77007 PT/BP 1	CI 77007 PT/BP 1	Ultramarines EXIEA	Ultramarine Blue I	Not stable in acid conditions
CI 77007	CI 77007 PT/BP 1	CI 77007 PT/BP 1	Ultramarines EXIEA	Ultramarine Blue I	Stable in acid & alkali conditions
CI 77510	CI 77510 PT/BP 1	CI 77510 PT/BP 1	Ferric Ammonium Ferrocya- nide EXIEA	Ferric Ammonium Ferrocya- nide I	Not stable in alkali conditions
CI 77288	CI 77288 PT/BP 1	CI 77288 PT/BP 1	Chromium oxide green EXIEA	Chromium oxide I	Cr <sub>6+</sub> < 5 ppm patented process
CI 77289	CI 77289 PT/BP 1	CI 77289 PT/BP 1	Chromium hydroxide green EXIEA	Hydrated chromium oxide I	Cr <sub>6+</sub> < 5 ppm B <sub>2</sub> O <sub>3</sub> < 3,1 % patented process

Europe / China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXIEA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)


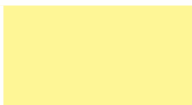
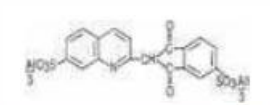


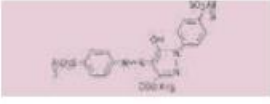


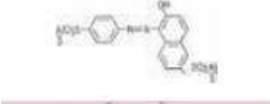





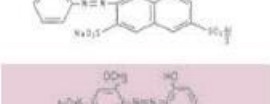


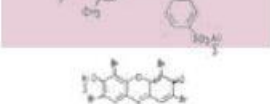


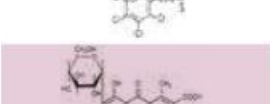





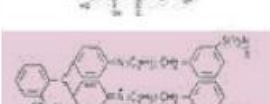



II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)

\* : Permitted for nail and hair products only.

# Unipure LC®

## Lakes

Full Shade	Reduced Shade	Product name	Chemical formula	Pure Dye Content
		UNIPURE YELLOW LC124		13 - 19%
		UNIPURE YELLOW LC125		20 - 35%
		UNIPURE ORANGE LC226		15 - 30%
		UNIPURE RED LC322		> 11%
		UNIPURE RED LC323		10 - 20%
		UNIPURE RED LC324		15 - 25%
		UNIPURE RED LC328		15 - 30%
		UNIPURE RED LC320		> 50% (in carminic acid)
		UNIPURE BLUE LC520		> 50% (in carminic acid)
		UNIPURE BLUE LC621		10 - 20%



- Complete range of cosmetic lakes
- High purity colors
- Batch to batch consistency

Color Index	INCI & Regulations				Comments
	Europe	Chine	USA	Japan	
CI 47005:1	---	CI 47005 PT/BP 1	Yellow 10 Lake M	Yellow 203 I	Alumina substrate
CI 19140:1	CI 19140 PT/BP 1 E102	CI 19140 PT/BP 1	Yellow 5 Lake MEA	Yellow 4 I	Alumina substrate
CI 15985:1	CI 15985 PT/BP 1 E110	CI 15985 PT/BP 1	Yellow 6 Lake M	Yellow 5 I	Alumina substrate
CI 45380:3	CI 45380 PT/BP 1	CI 45380 PT/BP 1	Red 22 Lake M	Aka 230 I	Alumina substrate
CI 17200:1	CI 17200 PT/BP 1	CI 17200 PT/BP 1	Red 33 Lake EXT*	Red 227 I	Alumina substrate
CI 16035:1	CI 16035 PT/BP 1 E129	CI 16035 PT/BP 1	Red 40 Lake MEA	---	Alumina substrate
CI 45410:2	CI 45410 PT/BP 1	CI 45410 PT/BP 1	Red 28 Lake M	Red 104 I	Alumina substrate
CI 75470	CI 75470 PT/BP 1 E120	CI 75470 PT/BP 1	Carmine MEA	Carmine I	
CI 75470	CI 75470 PT/BP 1 E120	CI 75470 PT/BP 1	Carmine MEA	Carmine I	
CI 42090:2	CI 42090 PT/BP 1 E133	CI 42090 PT/BP 1	Blue 1 Lake MEA	Blue 1 I	Alumina substrate

Europe/China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)

\* : Permitted for nail and hair products only.

# Unipure LC®

## Organic pigments

Full Shade	Reduced Shade	Product name	Chemical formula	Pure Dye Content
		UNIPURE REDLC300		30 - 50%
		UNIPURE REDLC306		75 - 82%
		UNIPURE REDLC303		> 90%
		UNIPURE REDLC304		68 - 75%
		UNIPURE RED LC3071		45 - 55%
		UNIPURE RED LC3075		30 - 50%
		UNIPURE RED LC3079		> 90%
		UNIPURE RUBINE LC414		> 85%
		UNIPURE BLACKLC902	C	> 95%

# Unipure LC®

## Composite pigments

Full Shade	Reduced Shade	Product name	Chemical formula	Pure Dye Content
		UNIPURE GREEN LC721		20 - 35%

- Complete range of organic pigments
- High purity colors
- Batch to batch consistency

Color Index	INCI & Regulations				Comments
	Europe	Chine	USA	Japan	
CI 73360	CI 73360 PT/BP 1	CI 73360 PT/BP 1	Red 30 Lake M	Red 226 I	
CI 12085	CI 12085 PT/BP 1=3% max	CI 12085 PT/BP 1=3% max	Red 36 Lake EXT***	Red 228 I	
CI 15850	CI 15850 PT/BP 1	CI 15850 PT/BP 1	Red 6 M	Red 201 I	
CI 15850:2	CI 15850 PT/BP 1	CI 15850 PT/BP 1	Red 6 Lake M	---	Barium sulfate substrate
CI 15850:1	CI 15850 PT/BP 1	CI 15850 PT/BP 1	Red 7 Lake M	Red 202 + Aluminum Hydroxide I	Aluminum Hydroxide + rosin substrate
CI 15850:1	CI 15850 PT/BP 1	CI 15850 PT/BP 1	Red 7 Lake M	Red 202 + Aluminum Hydroxide I	Aluminum Hydroxide substrate
CI 15850:1	CI 15850 PT/BP 1	CI 15850 PT/BP 1	Red 7 M	Red 202 I	Non rosinated pure toner Barium sulfate free
CI 15880:1	CI 15880 PT/BP 1	CI 15880 PT/BP 1	Red 34 EXT	Red 220 I	
CI 77266	CI 77266 PT/BP 1	CI 77266 PT/BP 1	Black 2 B	Carbon black I	



Color Index	INCI & Regulations				Comments
	Europe	Chine	USA	Japan	
CI 19140:1 CI 42090:1	CI 19140 CI 42090 PT/BP 1 E102 E133	CI 19140 CI 42090 PT/BP 1	---	Blue 1 Yellow 5 I	Alumina substrate

Europe / China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliner, external, and rinse-off)

\* : Permitted for nail and hair products only.

# EC Pigments & White Pigments

Full Shade	Reduced Shade	Product name	Chemical formula	Pure Dye Content
		QUINOLEINE YELLOW LAKE 300500		14 - 24%
		COVALAC® ROUGE W 3502 Ponceau 4R Lake		19 - 25%
		COVALAC® ROUGE W 3514 Alizarin Lake		24 - 26%
		COVALAC® BLEU W 6504 Indigotine Lake		12 - 16%
		JAUNE COVANOR® W 1605 Pigment Yellow 1		-
		ROUGE COVANOR® W 3619 Pigment Red 5		-
		BLEU COVANOR® W 6605 Pigment Blue 15		-
		VERT COVANOR® W 7600 Pigment Green 7		-
		NOIR VEGETAL CODEX W 9823	C	> 95%

Full Shade	Reduced Shade	Product name	Chemical formula	Grade
		OX. DE TITANE ORGANOPHILE W 877	TiO <sub>2</sub>	Rutile
		OXYDE DE TITANE STANDARD	TiO <sub>2</sub>	Anatase
		OXYDE DE ZINC	ZnO	—

Color Index	INCI & Regulations				Comments
	Europe	Chine	USA	Japan	
CI 47005:1	CI 47005 PT/BP 1 E104	CI 47005 PT/BP 1	--	Yellow 203 I	
CI 16255 :1	CI 16255 PT/BP 1 E124	CI 16255 PT/BP 1	--	Red 102 I	
CI 58000:1	CI 58000 PT/BP 1	CI 58000 PT/BP 1	--	--	
CI 73015	CI 73015 PT/BP 1 E132	CI 73015 PT/BP 1	--	Blue 2 I	
CI 11680	CI 11680 PT/BP 3	CI 11680 PT/BP 3	--	Yellow 401 II	
CI 12490	CI 12490 PT/BP 1	CI 12490 PT/BP 1	--	--	
CI 74160	CI 74160 PT/BP 1	CI 74160 PT/BP 1	--	Blue 404 II	
CI 74260	CI 74260 PT/BP 2	CI 74260 PT/BP 2	--	--	
CI 77268:1	CI 77268 PT/BP 1 / E153	CI 77268 PT/BP 1	--	Not regulated (considered as cosmetic ingredient)	

Color Index	INCI & Regulations				Comments
	Europe	Chine	USA	Japan	
CI 77891	CI 77891 PT/BP 1	CI 77891 PT/BP 1	Titanium dioxide MEA	Titanium dioxide I	
CI 77891	CI 77891 PT/BP 1 / E171	CI 77891 PT/BP 1 / E171	Titanium dioxide MEA	Titanium dioxide I	
CI 77947	CI 77947 PT/BP 1	CI 77947 PT/BP 1	Zinc oxide MEA	Zinc oxide I	

Europe /China

USA

Japan

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

M/EA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

I. Permitted in all cosmetics (this includes lip/oral, eye area, external, and rinse-off)

II. Permitted for externally applied cosmetics (this includes eye area, external, and rinse-off)

III. Permitted for externally applied cosmetics not applied to mucous membranes (this includes eye area except for eyeliners, external, and rinse-off)

\* : Permitted for nail and hair products only.

# Green

# Inspiration



UNIPURE LC - pigments	INCI name	Ecocert approved	COSMOS approved
UNIPURE YELLOW LC 182	CI 77492	•	•
UNIPURE YELLOW LC 188	CI 77492	•	•
UNIPURE RED LC 381	CI 77491	•	•
UNIPURE RED LC 383	CI 77491	•	•
UNIPURE RED LC 386	CI 77491	•	•
UNIPURE RED LC 388	CI 77491	•	•
UNIPURE VIOLET LC 581	CI 77742	•	•
UNIPURE PINK LC 583	CI 77742	•	•
UNIPURE VIOLET LC 585	CI 77007	•	•
UNIPURE VIOLET LC 587	CI 77007	•	•
UNIPURE PINK LC 589	CI 77007	•	•
UNIPURE BLUE LC 680	CI 77007	•	•
UNIPURE BLUE LC 686	CI 77007 (and) silica	•	•
UNIPURE GREEN LC 788	CI 77288	•	•
UNIPURE BROWN LC 881	CI 77492 (and) CI 77491 (and) CI 77499	•	•
UNIPURE BROWN LC 887	CI 77492 (and) CI 77491 (and) CI 77499	•	•
UNIPURE BROWN LC 889	CI 77491 (and) CI 77499	•	•
UNIPURE BLACK LC 988	CI 77499	•	•
UNIPURE BLACK LC 989	CI 77499	•	•
UNIPURE TRIPLE BLACK LC 990	CI 77499	•	•
UNIPURE WHITE LC 981	CI 77891	•	•
UNIPURE WHITE LC 987	CI 77891		•
UNIPURE BLACK LC 998	CI 77499	•	•





PIGMENTS





# Cosmetic Dispersions



Mineral and organic pigments can be pre-dispersed in a liquid medium to improve their introduction in cosmetic finished products without grinding. Cost-effective solution for customers, Sensient's expertise offers many standard ranges of dispersions in aqueous or oily phase, dedicated to various applications (lipstick, foundation, mascara, soap or toothpaste).

## Ready-to-use dispersion & Easy dispersibility

Use of cosmetic dispersions is cost-effective, i.e. eliminates any additional milling problems (investment, production and cleaning cost, losses, quality control...).

No dust, no milling required.

## Full coloring strength achievement

## High purity

Based on high purity pigments, cosmetic dispersions offer low level of heavy metals and impurities.

## High pigment load





## Excellent stability

Our dispersions stored in normal conditions and in closed container, have in majority a shelf life of 2 years (information are on SDS of each product). We optimize our dispersions formulations to limit or avoid sedimentation.



# Covarine®

- Mineral and organic pigments pre-dispersed in an aqueous medium: water/glycerin or water/propanediol mixture
- Fluid paste form
- Preservative system included
- Suitable for all cosmetic and hair products, especially for semi-fluid water-based formulations

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations	
					Europe	USA
		<b>VIOLET COVARINE® W 5793</b> Based on Pigment Violet 23	CI 51319 (and) Glycerin (and) Aqua [Water] (and) Sodium Laureth Sulfate (and) O-Phenyl Phenol	25 - 35	PT/BP 4	—
		<b>VERT COVARINE® W 7797</b> Based on Pigment Green 7 & Pigment Blue 15:1	CI 74160 (and) CI 74260 (and) Glycerin (and) Aqua [Water] (and) Sodium Laureth Sulfate (and) O-Phenyl Phenol	40 - 55	PT/BP 2	—
		<b>NOIR COVARINE® W 9796</b> Based on DC Black 2	CI 77266 (and) Glycerin (and) Aqua [Water] (and) Cellulose (and) PVP (and) Phenoxyethanol	15 - 25	PT/BP 1	B
		<b>COVARINE® YELLOW WS 1797</b> Based on Pigment Yellow 1	CI 11680 (and) Glycerin (and) Aqua [Water] (and) Sodium Laureth Sulfate (and) Phenoxyethanol	32-36	PT/BP 3	—
		<b>COVARINE® RED WS 3797</b> Based on Pigment Red 5	CI 12490 (and) Glycerin (and) Aqua [Water] (and) Sodium Laureth Sulfate (and) Diethylhexyl Sodium Sulfosuccinate (and) Phenoxyethanol	33-37	PT/BP 1	—
		<b>COVARINE® BLUE WS 6797</b> Based on Pigment Blue 15:1	CI 74160 (and) Glycerin (and) Aqua [Water] (and) Sodium Laureth Sulfate (and) Phenoxyethanol	38-42	PT/BP 1	—
		<b>COVARINE® GREEN WS 7793</b> Based on Pigment Green 7	CI 74260 (and) Glycerin (and) Aqua (and) Sodium Laureth Sulfate (and) Phenoxyethanol	36 - 40	PT/BP 2	—
		<b>COVARINE® BLACK WS 9199</b> Based on DC Black 2	CI 77266 (and) Glycerin (and) Aqua [Water] (and) PVP (and) Phenoxyethanol (and) Dehydroacetic acid	15 - 25	PT/BP 1	B

Europe/China

USA

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

M/E/A : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products

B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %

# Covarine®



- Especially designed for foundations with high purity pigments

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations	
					Europe	USA
		COVARINE® YELLOW WN 1798* Based on Unipure® Yellow LC188	CI 77492 (and) Aqua [Water] (and) Glycerin (and) Xanthan Gum (and) Sodium Citrate	45 - 55	PT/BP 1	MEA
		COVARINE® RED WN 3798* Based on Unipure® Red LC388	CI 77491 (and) Aqua [Water] (and) Glycerin (and) Xanthan Gum (and) Sodium Citrate	50 - 60	PT/BP 1	MEA
		COVARINE® BLACK WN 9798* Based on Unipure® Black LC988	CI 77499 (and) Aqua [Water] (and) Glycerin (and) Xanthan Gum (and) Sodium Citrate	50 - 60	PT/BP 1	MEA
		COVARINE® WHITE WN 9787* Based on Unipure® White LC987	CI 77891 (and) Aqua [Water] (and) Glycerin (and) Xanthan Gum (and) Sodium Citrate	45 - 55	PT/BP 1	MEA

(\* ) Cosmos compliant grades

- Especially designed for mascaras and eyeliners

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations	
					Europe	USA
		COVARINE® BLACK P-WN 9779 Based on Unipure® Triple Black LC990	CI 77499 (and) Aqua [Water] (and) Propanediol (and) Xanthan Gum (and) Sodium Citrate (and) Benzyl Alcohol	45 - 55	PT/BP 1	MEA

DISPERSIONS







# Covasorb®

- Mineral and organic pigments pre-dispersed in hydrogenated starch hydrolysate
- Fluid paste form
- No preservative system
- Suitable for all cosmetic products, especially for semi-fluid water-based formulations
- Highly compatible with toothpaste to produce non-bleeding colored stripes

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations	
					Europe	USA
		ROUGE COVASORB® W 3784A Based on Alizarine Lake	CI 58000 (and) Hydrogenated Starch Hydrolysate (and) Sodium Polynaphthalene Sulfonate	20 - 30	PT/BP 1	—
		BLEU COVASORB® W 6783B Based on Ultramarines	CI 77007 (and) Silica (and) Hydrogenated Starch Hydrolysate	35 - 45	PT/BP 1	EXTEA

# Aquasens®

- Mineral and organic pigments pre-dispersed in water
- Suitable for water-based formulations
- Especially designed for aqueous nail varnishes enabling to obtain a hard and homogeneous film upon application
- Fluid paste form
- Preservative system included

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations		
					Europe	China	USA
		<b>AQUASENS® WHITE WS 9788</b> Based on Unipure® White LC987	CI 77891 (and) Aqua (and) Styrene/Acrylates Copolymer (and) Xanthan Gum (and) Caprylyl Glycol (and) Phenoxyethanol (and) Simethicone (and) Phenoxyethanol	40 - 60	PT/BP 1	PT/BP 1	MEA
		<b>AQUASENS® RED WS 3720</b> Based on D&C Red 30	CI 73360 (and) Aqua (and) PVP (and) Xanthan Gum (and) Caprylyl Glycol (and) Tetrasodium EDTA (and) Phenoxyethanol (and) Simethicone (and) Phenoxyethanol	20 - 40	PT/BP 1	PT/BP 1	M
		<b>AQUASENS® BLACK WS 9799</b> Based on Unipure® Black LC902	CI 77266 (and) Aqua (and) PVP (and) Propanediol (and) Caprylyl Glycol (and) Phenoxyethanol (and) Phenoxyethanol	20 - 30	PT/BP 1	PT/BP 1	B



Europe/China

USA

Product Type / Body Part (PT/BP)

PT/BP 1: allowed in all cosmetic products  
 PT/BP 2: allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.  
 PT/BP 3: allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.  
 PT/BP 4: allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA: for coloring cosmetics generally, including those intended for use in the area of the eye.

M: for coloring cosmetics generally.  
 EXT: for coloring externally applied cosmetics.  
 EXT/EA: for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.  
 EXT\*: for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.  
 EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.  
 EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products  
 B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.  
 T : for use only in toothpastes at not more than 0.1 %

# Covapate® LC



- Mineral and organic pigments pre-dispersed in ricinus communis seed oil
- Based on high purity Unipure LC pigments
- Pasty form
- Suitable for lipstick and anhydrous cosmetic formulations
- Ecocert compliant grades (\*)

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations	
					Europe	USA
		COVAPATE® UNICYELLOW LC1725 Based on Yellow 5 Lake	Ricinus Communis Seed Oil (and) CI 19140	35 - 45	PT/BP 1	MEA
		COVAPATE® UNICYELLOW LC 1782* Based on Iron oxides	Ricinus Communis Seed Oil (and) CI 77492 (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		COVAPATE® UNIORANGE LC 2726 Based on Yellow 6 Lake	Ricinus Communis Seed Oil (and) CI 15985	35 - 47	PT/BP 1	M
		COVAPATE® UNIRED LC 3703 Based on Red 6	Ricinus Communis Seed Oil (and) CI 15850	25 - 35	PT/BP 1	M
		COVAPATE® UNIRED LC 3728 Based on Red 28 Lake	Ricinus Communis Seed Oil (and) CI 45410	35 - 47	PT/BP 1	M
		COVAPATE® UNIRED LC 3779 Based on Red 7	Ricinus Communis Seed Oil (and) CI 15850	15 - 27	PT/BP 1	M
		COVAPATE® UNIBLUE LC 6721 Based on Blue 1 Lake	Ricinus Communis Seed Oil (and) CI 42090	35 - 47	PT/BP 1	MEA
		COVAPATE® UNIBROWN LC 8781* Based on Iron oxides	Ricinus Communis Seed Oil (and) CI 77491 (and) CI 77492 (and) CI 77499 (and) Polyhydroxystearic Acid	45 - 67	PT/BP 1	MEA
		COVAPATE® UNIBLACK LC 9789* Based on Iron oxides	Ricinus Communis Seed Oil (and) CI 77499 (and) Polyhydroxystearic Acid	45 - 67	PT/BP 1	MEA
		COVAPATE® UNIWHITE LC 9781 Based on Titanium dioxide	Ricinus Communis Seed Oil (and) CI 77891 (and) Polyhydroxystearic Acid	50 - 65	PT/BP 1	MEA

DISPERSIONS



# Covanol®



- Mineral and organic pigments pre-dispersed in octyldodecanol
- Castor oil free
- Pasty form
- Suitable for lipstick and anhydrous cosmetic formulations
- Ecocert compliant grades (\*)

Full Shade	Reduced Shade	Product name	INCI	% pigment	Color regulations	
					Europe	USA
		<b>COVANOL® YELLOW OS 1701</b> Based on Yellow 5 Lake	CI 19140 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		<b>COVANOL® YELLOW ON 1782*</b> Based on Unipure® Yellow LC182	CI 77492 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		<b>COVANOL® ORANGE OS 2702</b> Based on Yellow 6 Lake	CI 15985 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	45 - 55	PT/BP 1	M
		<b>COVANOL® RED OS 3703</b> Based on Red 6	CI 15850 (and) Octyldodecanol	35 - 45	PT/BP 1	M
		<b>COVANOL® RED OS 3705</b> Based on Red 7 Lake	CI 15850 (and) Octyldodecanol	25 - 35	PT/BP 1	M
		<b>COVANOL® RED OS 3735</b> Based on Red 28 Lake	CI 45410 (and) Octyldodecanol (and) Sorbitan Oleate	45 - 55	PT/BP 1	M
		<b>COVANOL® RUBINE OS 4714</b> Based on Red 34	CI 15880 (and) Octyldodecanol	20 - 30	PT/BP 1	EXT
		<b>COVANOL® BLUE OS 6742</b> Based on Blue 1 Lake	CI 42090 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		<b>COVANOL® BROWN ON 8787*</b> Based on Unipure® Brown LC887	CI 77499 (and) CI 77491 (and) CI 77492 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	50 - 60	PT/BP 1	MEA
		<b>COVANOL® BLACK ON 9789*</b> Based on Unipure® Black LC989	CI 77499 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	50 - 60	PT/BP 1	MEA
		<b>COVANOL® WHITE ON 9787*</b> Based on Unipure® White LC987	CI 77891 (and) Octyldodecanol (and) Stearic Acid (and) Magnesium Hydroxide (and) Aluminium Hydroxide (and) Sorbitan Oleate	55 - 65	PT/BP 1	MEA

Europe / China

USA

Product Type / Body Part (PT/BP)

PT/BP 1 : allowed in all cosmetic products

PT/BP 2 : allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.

PT/BP 3 : allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.

PT/BP 4 : allowed exclusively in cosmetic products intended to come into contact only briefly with the skin.

MEA : for coloring cosmetics generally, including those intended for use in the area of the eye.

M : for coloring cosmetics generally.

EXT : for coloring externally applied cosmetics.

EXT/EA : for coloring externally applied cosmetics, including cosmetics intended for use in the area of the eye.

EXT\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (5% max in the finished cosmetic products), mouthwashes (including breath fresheners) and toothpastes.

EXT\*\*\* : for coloring externally applied cosmetics, for coloring cosmetic lip products (3% max in the finished cosmetic products). Not permitted in mouthwashes, dentifrices or other oral products



B : for coloring the following cosmetics only : eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, make-up and foundation, and nail enamel.

T : for use only in toothpastes at not more than 0.1 %



# Covalight® OS AS

- Alkyl Silane surface treated mineral pigments dispersions
- Dispersions in a D5-alternative medium: isononyl isononanoate
- Fluid paste form
- No preservative system
- Suitable for W/O and W/Si emulsions
- Especially adapted for fluid foundations with silky, smooth and non-sticky sensory effects.

Full Shade	Reduced Shade	Product name	Colour Index Pigment or Generic name	% pigment	Color regulations	
					Europe	USA
		<b>COVALIGHT® YELLOW OS 182 AS</b> Based on Unipure® Yellow LC182	CI 77492 (and) Triethoxycaprylylsilane (and) Isononyl Isononanoate (and) Ethylene/Propylene/Styrene Copolymer (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		<b>COVALIGHT® RED OS 381 AS</b> Based on Unipure® Red LC381	CI 77491 (and) CI 77499 (and) Triethoxycaprylylsilane (and) Isononyl Isononanoate (and) Ethylene/Propylene/Styrene Copolymer (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		<b>COVALIGHT® BLACK OS 989 AS</b> Based on Unipure® Black LC989	CI 77499 (and) Triethoxycaprylylsilane (and) Isononyl Isononanoate (and) Ethylene/Propylene/Styrene Copolymer (and) Sorbitan Oleate	45 - 55	PT/BP 1	MEA
		<b>COVALIGHT® WHITE OS 987 AS</b> Based on Unipure® White LC981	CI 77891 (and) Triethoxycaprylylsilane (and) Isononyl Isononanoate (and) Ethylene/Propylene/Styrene Copolymer (and) Sorbitan Oleate	50 - 60	PT/BP 1	MEA

