



Hair Color & Care


SENSIENT®
COSMETIC TECHNOLOGIES

EXPERTISE IN HAIR CARE



Sensient Cosmetic Technologies

is committed to developing, producing and marketing quality ingredients and colorants to the cosmetics industry.

At our global production facilities, we manufacture the finest colorants and functional cosmetic ingredients for :

- Make-up
- Skin care
- Hair care
- Personal hygiene
- Oral care
- Fragrance

SENSIENT Corporate philosophy enhance SENSory experiences through specialized ingredIENTs, delivered through proprietary TECHNOLOGIES.

The company's customers include major international manufacturers representing some of world's best known brands.

EXPERTISE IN HAIR CARE

Expertise in hair care

As a primary manufacturer of hair dyes, especially direct dyes, Sensient Cosmetic Technologies is moving to a global position of hair dyes and hair ingredients specialist.

We offer globally compliant dyes, pigments, pearls & additives to satisfy your most demanding individual requirements.

We benefit from a close synergy between our make-up, skin care & hair dyes R&D experts to bring to the market innovative technology transfer.

Our dedicated hair dyes and hair care additives include:

- Direct dyes
- Oxidation dyes
- Pigments & pearls
- Hair ingredients & additives

Consistent quality, Purity & Specifications

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

Our hair dyes reach the highest purity standards in hair dyeing specifications ensuring the best color result on hair and a superior batch to batch consistency.

Technical expertise & application lab

Our well-equipped technical service laboratories are staffed by experienced cosmetic technologists available to assist you in all technical needs.

Our hair dyes & ingredients specialists are constantly bringing new concepts to the market combining our expertise in colors and hair science.

We can also work on specific partnership projects.

Worldwide

Sensient Cosmetic Technologies has a worldwide presence in the market with 8 business units and an extensive distribution network.



Regulatory support

With our strong knowledge of hair dyes regulations, use limits & labelling requirements, we offer the best assistance to our customers in product development. Today, in Europe, hair dyes are regulated by negative list: Annex II or Annex III of European Cosmetic Regulation 1223/2009/EU. If a hair dye is not in Annex II or Annex III, you can use it without restriction.

Customer service

Our customer department provides fast responses to pricing, availability and order tracking. We constantly stand by our customers' side with :

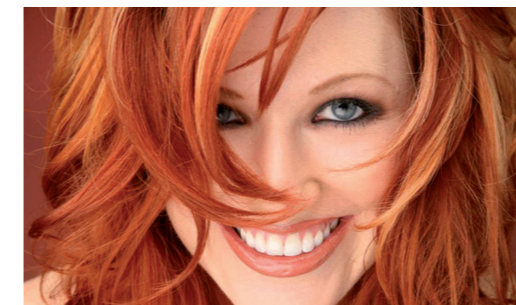
- Innovation
- Technical expertise
- Formulation development

Hair Dyes

Sensient Cosmetic Technologies offers a full range of colors for use in permanent, semi-permanent & temporary hair coloring applications: Oxidation dyes, direct dyes, pigments, treated pigments & pigments' dispersions.

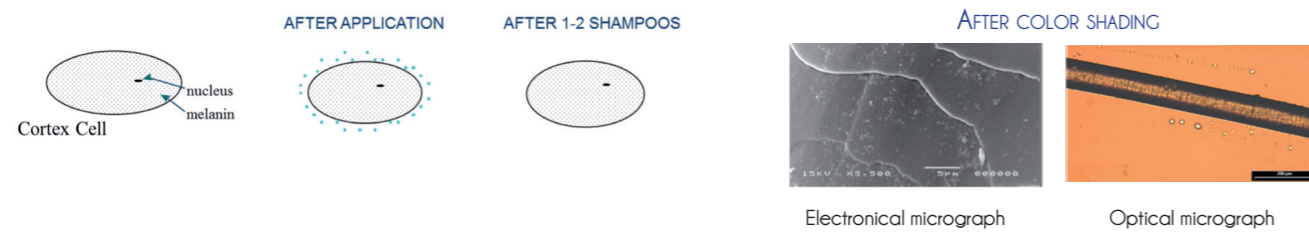
The different families of hair coloring products

	TEMPORARY	SEMI-PERMANENT	DEMI-PERMANENT	PERMANENT	
			WITHOUT AMMONIA	WITHOUT AMMONIA	WITH AMMONIA
Long lasting properties		1- 2 shampoos	6-12 shampoos	6-8 weeks	Permanent
Lightening effect		No	No	No	Yes
Coverage of grey hair		No	For people who have Max.30% (the first)	For people who have Max.50%	For people who have till 100%
Color properties		Only highlights	Same tone or darker With/without highlights	Same tone or darker With/without highlights	Lighter, same tone or darker With/without highlights
Finished product		Ready to use	Ready to use Time of application Rinse	Mixture to do before use : 1 coloring product + 1 oxidizing product Ratio to respect Time of application Rinse + shampoo	
SENSIENT COSMETIC TECHNOLOGIES range		UNICERT® ARIANOR® UNIPURE LC® (+/- surface treatment) COVARINE®	UNICERT® ARIANOR® COVARIANE® UNIPURE LC® GCA	COVASTYLE®	



Pigment Dispersions

Hair coloring concept with pigments is given by pigment surface deposition and/or adsorption in an optimized base composition.



Covarine® Black WS9199

Dispersion of carbon black (D&C Black No.2) in water/glycerin system for hair care and make-up applications. Patented technology.

Cosmetic benefits

- ▶ Ready-to-use dispersion
- ▶ Excellent stability
- ▶ High compatibility in formulations (compatible with all types of surfactants including cationic ones)
- ▶ Suitable in all hair care formulations
- ▶ Outstanding coloring performances in hair shading products

Full shade	Product name	INCI name Color Index	CAS	% pigment
	COVARINE® BLACK WS 9199	CI 77266 Black 2	1333-86-4	15 - 25

Applications

Black shine products (shampoo, conditioner,...)

- ▶ Blacken the appearance of the finished products and color hair.
- ▶ Optimized concentration limits color transfer issue.
- ▶ Can be combined with basic hair dyes



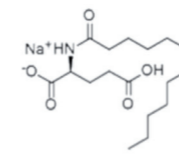
For more details about the products or technical support, please contact our sales department : France, 7-9 rue de l'Industrie, 95310 Saint Ouen L'Aumône, Phone : 33 1 34 48 57 00, Fax : 33 1 34 64 44 40 USA, 107, Wade Avenue, South Plainfield, NJ07080-1311, Phone : 1 908 757 4500, Fax : 1 908 757 3170 www.sensient-cosmetics.com - email : contact@sensient-cosmetics.com

Surface treated pigments

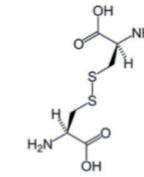


Unipure LC® GCA

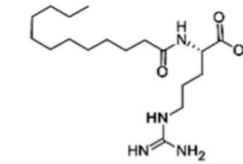
Natural triple amino-acid surface treatment
▶ Patent pending



sodium cocoyl Glutamate



Cystine



lauroyl Arginine

Key properties & benefits

- ▶ Triple surface treatment
- ▶ Amino-acid derivatives

Full shade	Product name	INCI name pigment	CAS pigment	INCI name treatment
	UNIPURE YELLOW LC182 GCA	CI77492	51274-00-1	sodium cocoyl glutamate (and) l-cystine (and) lauroyl arginine
	UNIPURE RED LC381 GCA	CI77491	1309-37-1	sodium cocoyl glutamate (and) l-cystine (and) lauroyl arginine
	UNIPURE TRIPLE BLACK LC990 GCA	CI77499	1317-61-9	sodium cocoyl glutamate (and) l-cystine (and) lauroyl arginine
	UNIPURE WHITE LC987 GCA	CI77891	13463-67-7	sodium cocoyl glutamate (and) l-cystine (and) lauroyl arginine

Applications

- ▶ Natural semi-permanent and temporary hair color
- ▶ Other: mascara, foundation,...



REFERENCE YAK HAIR 3% UNIPURE BLACK LC990 GCA 5MN APPLICATION TIME CONDITIONER FORMULA T=0 3% UNIPURE BLACK LC990 GCA 5MN APPLICATION TIME CONDITIONER FORMULA T=after 3 shampoos

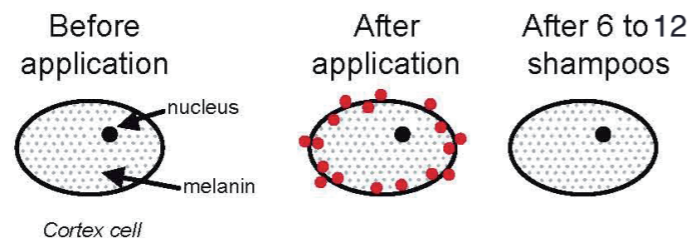
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Direct dyes

Basic Dyes - Arianor®

Key properties

- ▶ Direct dyes
- ▶ Cationic character
- ▶ Water soluble
- ▶ Low selectivity



Shade	Name	INCI name	CAS
	306002 Arianor Mahogany	Basic Brown 16	26381-41-9
	306003 Arianor Madder Red	Basic Red 76	68391-30-0
	306005 Arianor Straw Yellow	Basic Yellow 57	68391-31-1
	306008 Arianor Cherry Red	Basic Red 51	77061-58-6
	306011 Arianor Sienna Brown	Basic Brown 17	68391-32-2
	306014 Arianor Steel Blue	Basic Blue 99	68123-13-7
	306020 Arianor Ebony	Blend	68123-13-7 26381-41-9 4430-18-6 68391-30-0 68391-31-1
	306021 Arianor Tyrian Purple	Blend	77061-58-6 68123-13-7
	306081 Arianor Fire Orange	Basic Orange 31	97404-02-9
	306087 Arianor Lemon Yellow	Basic Yellow 87	68259-00-7
	306085 Arianor Jade Blue NEW	HC Blue 15	74578-10-2

Applications

Basic dyes are suitable for temporary and semi-permanent applications.

Natural affinity for hair & especially damaged hair

Best dyeing effect at:

pH 5-9 for 306002, 306003, 306005, 306011, 306014, 306020, 306021

pH 4-11 for 306008, 308081, 306087

pH 3-7 for 306085

Low compatibility with anionic surfactants



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Acid dyes & EC Dyes - Unicert®

Key properties:

- ▶ Anionic character
- ▶ Water soluble
- ▶ Large molecules

Shade	Name	CI	INCI name	CAS
	Unicert Yellow 08005-J	19140	Acid Yellow 23	1934-210
	Jaune de quinoléine 70% E104-C	47005	Acid Yellow 3	95193-83-2
	Unicert Yellow K7164-J	10316	Acid Yellow 1	846-70-8
	Unicert Orange K7011-J	15510	Acid Orange 7	633-96-5
	FD&C Red 40 07700-C	16035	Curry Red	25956-17-6
	Ponceau 4R 80% E124-C	16255	Acid Red 18	2611-82-7
	Unicert Red K7057-J	17200	Acid Red 33	3567-66-6
	Unicert Red K7054-J	45410	Acid Red 92	18472-87-2
	Rose Covasol W4002	45100	Acid Red 52	3520-42-1
	Unicert Violet K7025-J	60730	Acid Violet 43	4430-18-6
	Unicert Blue 05601-J	42090	Acid Blue 9	3844-45-9
	Unicert Green K7015-J	61570	Acid Green 25	4403-90-1
	Noir W699	20470	Acid Black 1	1064-48-8

Applications:

Acid Hair Dyes are suitable for temporary and semi-permanent applications :

HAIR COLOR : Intense "crazy" shades and classic shades

HAIR CARE : Anti yellowish or Silver shampoo / shading products for previously colored hair

After bleaching, better long lasting results can be obtained versus smaller nitro dyes.

Nitro dyes - Covariane®

Key properties:

- ▶ Non-ionic character
- ▶ Poor water solubility
- ▶ Small molecules

Shade	Name	INCI name	CAS
	Covariane® Jaune W 1122	HC Yellow 2	4926-55-0
	Covariane® Rouge W 3123	HC Red 3	2871-01-4
	Covariane® Rouge W 3127	4-hydroxypropylamino-3-nitrophenol	92952-81-3
	Covariane® Pourpre W 5121	N,N'-bis(2-hydroxyethyl)-2-nitro-p-phenylenediamine	84041-77-0
	Covariane® Bleu W 6122-LP	HC Blue 2	33229-34-4

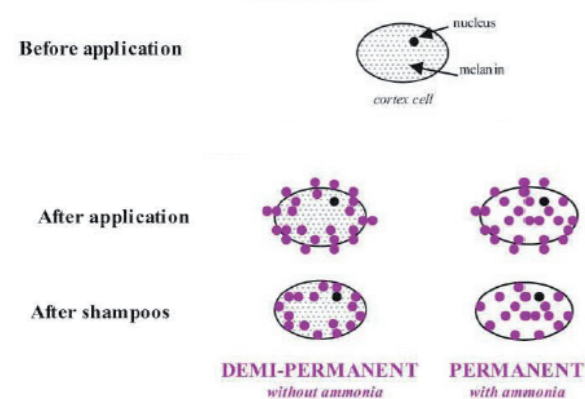
Applications:

Nitro dyes are suitable for semi-permanent applications

- ▶ Vibrant highlights

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Oxydation Dyes



Covastyle®

Penetrate into the hair and polymerize during the oxidation process to produce the desired colour
Can be used with or without ammonia

Key properties

- ▶ Dyes precursors (bases or modifiers)
- ▶ Non-ionic or anionic character
- ▶ Water solubility
- ▶ Small molecules
- ▶ High long lasting colour results

	Name	INCI name	CAS
Base	COVASTYLE LP-PPD	p-phenylenediamine	106-50-3
	COVASTYLE PPDS	p-phenylenediamine sulfate	16245-77-5
	COVASTYLE PAP	p-aminophenol	123-30-8
Couplers	COVASTYLE MAP	m-aminophenol	591-27-5
	COVASTYLE RCN	resorcinol	108-46-3
	COVASTYLE AHEAS	2-amino-4-hydroxyethylaminoanisol sulfate	83763-48-8
	COVASTYLE 2-4 DAPE	2,4-diaminophenoxyethanol HCl	66422-95-5
	COVASTYLE LP-AHT	4-amino-2-hydroxytoluene	2835-95-2
	COVASTYLE LP-4CLR	4-chlororesorcinol	95-88-5
Stabilizing ingredients	COVASTYLE AEB	erythorbic acid	89-65-6
	COVASTYLE TBQ	t-butyl hydroquinone	1948-33-0
	COVASTYLE ED	tetrasodium edta	64-02-8
	COVASTYLE MBS	sodium metabisulfite	7681-57-4

Color guide based on equimolar combinations at 3.10⁻³ mole%

		BASES	
		Covastyle LP-PPD/PPDS	Covastyle PAP
COUPLERS	Covastyle MAP	[Color swatch]	[Color swatch]
	Covastyle RCN	[Color swatch]	[Color swatch]
	Covastyle AHEAS	[Color swatch]	[Color swatch]
	Covastyle 2,4 DAPE	[Color swatch]	[Color swatch]
	Covastyle LP-AHT	[Color swatch]	[Color swatch]
	Covastyle LP-4CLR	[Color swatch]	[Color swatch]



Coverage of grey hair

0 → 30%
COVARIANE, ARIANOR, UNICERT

0 → 50%
COVASTYLE without ammonia

0 → 100%
COVASTYLE with ammonia

Highlights intensity

Light	Medium	Strong (one step)	Very Strong (two steps)
UNICERT® ARIANOR® (on sensitive hair)	UNICERT® ARIANOR® COVARIANE® (with temperature) on light to medium base	COVASTYLE® with ammonia and increase	1 - bleaching step 2- dyeing step
COVARIANE® (on natural hair)	COVASTYLE® without ammonia on light to medium base	- temperature - Amonia - Developer Strength	UNICERT® (funky)
COVASTYLE® without ammonia	COVASTYLE® with ammonia on light to medium base	- Dilution - Time of application	COVASTYLE® without ammonia

Hair Care

Color additives

As a primary manufacturer of certified dyes & pigments, we offer globally compliant colors:

- Water and oil soluble dyes
- Pigments, Surface treated pigments & pigments dispersions,
- Pearls & Surface treated pearls

To give premiumness to your hair care formulations.

*(see specific brochures on each categories)

Bases and additives

Our easy to use, ready-made bases & additives will allow you to formulate quickly stable cosmetic products either hair coloring products (oxidation creams & gels, shampoo-in...) or hair care applications.

Even high complexity formulas become simple and sure with our optimized blends.

NAME	INCI name	CHARACTERISTICS
OXOCERA	cetyl alcohol (and) cetareth-25	Self-emulsifying base for oxydation cream and especially for developer/oxidant
OXOWAX	cetyl alcohol (and) oleyl alcohol (and) cetearyl alcohol (and) stearic acid	Optimised texturing agent for oxidation cream
SOLVARIANE	laureth-8 (and) cocotrimonium chloride (and) butoxyethanol * (and) PEG-7 glyceryl cocoate (and) quaternium-80 * EC Directive : Annexe III, 1-188	All in one complex for nitro dyes
CRYSTALWAX	hydroxystearic acid (and) synthetic wax (and) triisostearin (and) polybutene (and) pentaerythrityl tetraisostearate	Wax for crystal clear sticks
CRYSTALWAX TL	ethylhexyl hydroxystearate (and) triethylhexyl trimellitate (and) C30-45 olefin (and) hydroxystearic acid	Wax for crystal clear sticks
SENSICRYSTAL	polybutene (and) isostearyl isostearate (and) pentaerythrityl tetraisostearate	Shiny transparent oil-free polymer for wax/styling products
COVAMER	polybutene (and) isononyl isononanoate (and) ethylene (and) VA copolymer (and) isostearyl alcohol	Polymer for resin-like shiny make-up oil-free
COVAGLOSS	polyethylene (and) polybutene (and) paraffinum liquidum	Thick polymer for glossy styling product
LIPSHINE	polybutene (and) isostearyl alcohol (and) paraffinum liquidum (and) isononyl isononanoate (and) glyceryl isostearate	Optimised blend for shiny serum
COVAFIX 123	propylene glycol (and) benzyl alcohol (and) quaternium-80	Liquid fixative for water soluble semi-permanent dyes

Rheology modifiers

Specialist in unique and revolutionary textures in cosmetic formulations, we offer a full range of versatile rheology modifiers answering key needs (transparency, suspending property...)

For water or oil system, synthetic or natural based, from fluid to creamy or even stringy. Let your creativity speak!

NAME	INCI name	CHARACTERISTICS
COVACRYL MV40	sodium polyacrylate	Thickener and agent for bouncing and velvet texture - satin finish
COVACRYL MV60	sodium polyacrylate	Thickener and agent for bouncing and velvet texture - matte finish
COVACRYL SP	polyacrylic acid	Thickener compatible in oxidation formula for water based product
COVACRYL AC	sodium polyacrylate	Stringy thickener for styling gels for water based product
COVACRYL RH	sodium polyacrylate	Non sticky thickener for water based product
THICKAGENT LC	xanthan gum (and) hectorite (and) cellulose	Thixotropic agent for water based product
NATPURE CELLGUM PLUS	microcrystalline cellulose (and) cellulose gum (and) cellulose	Natural highly thixotropic agent for water based product
COVAGEL	sodium carboxymethyl starch	Instant thickener for water based or powder product
SUBMICA M	mica	Mineral powder swelling in oil - White and opaque gel
COVASILIC 15	silica dimethyl silylate	Thixotropic agent for clear oily gel and emulsion stabiliser

Actives & Conditioners

Our targeted and efficient active ingredients range focuses on key market needs for hair care formulations: conditioning, cooling, moisturizing, scalp protection... from natural or synthetic origins!

NAME	INCI name	CHARACTERISTICS
COVAFRESH	menthyl lactate (and) PPG-26 Buteth-26 (and) PEG-40 (and) hydrogenated castor oil	Skin cooling gel with slight menthol smell
COVAFRESH IV	menthyl lactate (and) PPG-26 Buteth-26 (and) PEG-40 (and) hydrogenated castor oil	Skin cooling liquid without menthol smell
FUCOSORB WP	algae/ sorbitol (and) sodium benzoate (and) potassium sorbate	Natural based moisturising, conditioning and film forming agent fluid gel
COVASTEROL	glyceryl isostearate (and) isostearyl alcohol (and) brassica campestris (rapeseed) sterols (and) butyrospermum parkii butter (and) candelilla cera	Vegetable based conditioning agent
NATPURE FEEL-M Eco	isopropyl palmitate (and) isostearyl isostearate octyldodecanol (and) octyldodecyl myristate.	Natural multifunctional non volatile silicone-like ingredient. Optimized combination of esters & fatty alcohols from coconut origin

Hair Care

Color protection

As a premium dye manufacturer, we have developed a full range of antioxidants, reducers & chelating agents for hair coloring products.

We also offer the perfect color and fragrance protectors, the Covabsorb range, for hair care products.

NAME	INCI name	CHARACTERISTICS
COVASTYLE ED	tetrasodium EDTA	Chelating agent
COVASTYLE AEB	erythorbic acid	Water soluble anti-oxidant
COVASTYLE TBQ	t-butyl hydroquinone	Oil soluble anti-oxidant
COVASTYLE MBS	sodium metabisulfite	Reducing agent
COVABSORB	ethylhexyl methoxycinnamate (and) butyl methoxydibenzoylmethane (and) ethylhexyl salicylate	Oil soluble organic UV filter / Protects dyes against fading in alcohol and hydro-alcohol bases
COVABSORB EW	ethylhexyl methoxycinnamate (and) butyl methoxydibenzoylmethane (and) PPC-26 Buteth-26 (and) ethylhexyl salicylate (and) PEG-40 hydrogenated castor oil	Water soluble organic UV filter / Protects dyes against fading in water bases
COVABSORB DS	ethylhexyl salicylate (and) butyl methoxydibenzoylmethane (and) diethylhexyl syringyldienemalonate	Oil soluble organic UV filter / Protects dyes against fading in water bases

Solubilizers

The one and only: Solubilisant LRI. Unmatched solubilising performances to formulate highly transparent formulas.

Now available in natural version: Natpure SOL, which can also densify foam in cleansing products and bring refatting properties.

NAME	INCI name	CHARACTERISTICS
NATPURE SOL	glycerin (and) sucrose laurate (and) sucrose dilaurate (and) sucrose trilaurate (and) sorbitol PPC-26 Buteth-26 (and) PEG-40 hydrogenated castor oil (and) water	Natural solubilizer O/W emulsifier
SOLUBILISANT LRI	PPG-26 Buteth-26 (and) PEG-40 hydrogenated castor oil (and) water	Cosmetic microemulsifier Solubilizes high amount of oils

Film formers

Water-resistant, flexible, elastic, transparent, shiny, silicone-like... Our highly designed range of film formers allows you to achieve unique properties in formulation.

NAME	INCI name	CHARACTERISTICS
COVACRYL A15 WP	acrylates copolymer (and) phenoxyethanol	Water resistant film forming agent for shiny transparent film, paraben-free
COVACRYL E14 WP	acrylates copolymer (and) phenoxyethanol	High water resistant film forming agent for hard, semi-matte and transparent film, paraben-free
COVACRYL MS11 WP	acrylates copolymer (and) phenoxyethanol	Very good water resistant film forming agent for flexible transparent film, paraben-free
COVACRYL P12	acrylates copolymer	Water resistant film forming agent for supple, elastic, transparent film
COVACRYL MT 10	acrylates/ethylhexyl acrylate copolymer	High water resistant film forming agent for very supple and stretchable transparent film
NATPURE FILM AP	pullulan (and) sorbitol (and) trehalose (and) acacia gum	Natural shiny and ultra flexible sugar-based film forming agent

Texturing agents

With 20 years of expertise in high performance cosmetic beads & lamellar particles, we are constantly bringing to the market innovative powders. With exceptional powdery feeling & high liquid absorption, our cosmetic beads are the keystone of creative formulations. Our lamellar particles provide unique smooth and silky feeling, increasing spreadability of waxy textures.

NAME	INCI name	CHARACTERISTICS
COVABEAD LH85	methylmethacrylate cross polymer	Hollow spherical ultrafine beads with high continuous absorption ability, very matte effect, excellent slip, light diffusing properties
SUBMICA FL	mica	Transparent delaminated mica with unique silky and soft feeling, high adhesion to the skin
COVABEAD VELVET 10	polymethylmethacrylate	Plain spherical ultrafine beads to improve spreadability
COVABEAD VELVET 20	polymethylmethacrylate	Plain spherical ultrafine beads to improve spreadability



Reveal your true colors

Covabsorb[®] DS

Color & fragrance protection in personal care applications

- Broad UV absorption spectrum
- Preserves color and fragrances in formulation



Reveal your color attraction

Unicert[®] Violet K7025-J

High performance Ext. D&C Violet 2/ Acid Violet 43, for semi-permanent or temporary hair dye and for toiletries and skin care formulations

- Water solubility is 10 times higher than market grades
- Global regulatory compliance (including SCCS hair dye definition)
- High purity grade





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