

55+

**International
Quality
Certified**

KOEL COLOURS PRIVATE LIMITED



SPECIALIZED PRODUCT PORTFOLIO

COSMETICS • PERSONAL CARE • TOILETRIES

about us

Koel was founded 1972, incorporated as Koel Colours Pvt Ltd in 1992, emerged as a leading manufacturer of colours for **Cosmetics, Personal Care, Pharmaceutical, Petfood and Food industries.**

At Koel, we work with customers to assist them in formulation development, identifying appropriate colours, help ensure regulatory compliance and improvise process efficiencies by offering in-process products.

Koel has in house **state-of-the-art R&D and Application lab** which offers companies to develop customized solution for their product.

OUR STRENGTHS:

- ▶ Koel's plant has been approved by Indian FDA for manufacturing all kinds of Colours, Iron Oxides & Titanium Dioxides.
- ▶ Koel is certified as ISO 9001:2008 company.
- ▶ Koel has US DMF (Drug Master File) for all the pharmaceutical colours.
- ▶ All the cosmetic colours produced as per schedule Q/IS:4707 Part 1:2001
- ▶ HALAL Certified
- ▶ Reach Available (For EU Market)
- ▶ Kosher Certified
- ▶ GMP Certified

Because of our In-House product development and manufacturing facilities allows Koel to offer:

- Competitive prices.
- Wide range of colourants for Cosmetics & Pharmaceuticals.
- Technical Back up and customized solutions.
- Strict compliance to regulatory requirements.
- Consistent quality and prompt supply.
- Constant new product development.



**Manufacturing Unit
(Vapi)**



**Manufacturing Unit
(Sarigam)**



THE BLACK PIGMENT TECHNOLOGY REDEFINED.

The normal D&C Black 2 (Carbon black) available in market has tremendous formulation issues. The powder is very difficult to disperse in water/oil & also it blows off significantly making the factory premises completely dirty.

Also dispersions of carbon black in water & oil are available in market which are easy to formulate. But they are very costly & the customer has to pay unnecessary cost for transporting just the water/oil.

Features:

1. Dust free granules.
2. Disperses in water in 21 seconds.
3. FDA/China/Europe compliant.
4. Reduces dispersion cost & time.
5. Minimises health hazards.
6. Intense jet black.
7. No need of grinding.

Applications:

Eye mascara, Eye liner, Water based nail-polish.

INCI Name:

D&C Black 2, Citric acid, Sodium carbonate, Sorbitol, Cetareth- 25.

C.I. Number: 77266

Product Code: AC 2663 WB



IRON OXIDE JET BLACK

The Next Gen Iron Oxide Black which provides intense black which is more darker compared to regular iron oxides available in market.

Features:

1. Very intense, jet black iron oxide.
2. Bluish undertone.
3. Less concentration required compared to regular iron oxides.
4. Cost-effective.

Applications:

Eye mascara, Eye lashes, Eye liners, Nail-polish, Hair Shampoos, Lipsticks

C.I. Number: 77499

Product Code: Koelin 999 JB



Introducing, Koelex, an innovative mattifying technology based of alumina, which is completely inert & has excellent dispersibility in all kinds of colour cosmetic formulations. Koelex offers much more superior & soft matte effect compared to existing technologies of silica, etc.

Features:

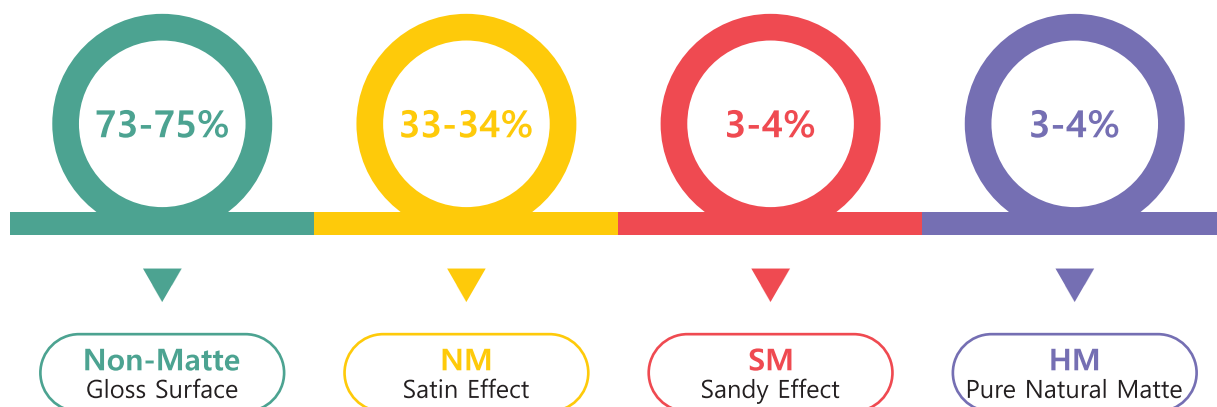
1. Transparent effect, natural & matte look, zero gloss, skin-friendly.
2. Resistance to heat, light, acids & alkali.
3. No pigment fading effect & exceptional dispersion stability.
4. Superior surface smoothness.
5. Long lasting shelf life in original packs.
6. Tough flexible coat, excellent matte protection in nail polishes.
7. Provides smudge free in Lipsticks, with no side-rings formation or hardening of stick.

Available in 3 versions

KOELEX NM (NORMAL MATTING)	KOELEX HM (HIGH MATTING)	KOELEX SM (SILICA MATTING)
INCI Name: Alumina	INCI Name: Alumina & Silica	INCI Name: Silica
Excellent satin effect	Natural matte effect	Matte, sandy effect
Particle size: 7 to 8 micron	Particle size: 9 to 10 micron	Particle size: 6 to 7 micron
Specific surface area BET N2: >180 ± 30 sq.m./g.	Specific surface area BET N2: >180 ± 30 sq.m./g.	Specific surface area BET N2: >250 ± 30 sq.m./g.
Code: KOELEX 1007	Code: KOELEX 1009	Code: KOELEX 1008

COMPARISON

Gloss readings & matte effect at 60 degree



Koel offers a diverse range of pigments available in pre-dispersed format in wide range of medium with excellent consistency & stability. These colour dispersions are completely ready to use with minimum efforts in mixing with the bases.

Features:

1. Pre-milled & uniformly dispersed.
2. Full colouring strength achievement - mixing in the bases only requires a slow rotating propeller & takes less time.
3. No bleeding issues
4. Reduces production and cleaning cost.

Dispersions available in following medium:

- Castor Oil
- C.C.T.G. (Capro-capryl tri glycerate)

Pigment loading in the dispersion: 40-50%

Recommended dosage: 4% to 10%

Applications: All kinds of lip-sticks and lip gloss.



COLOUR DISPERSIONS	FD&C/D&C NO.	PRODUCT CODE	PRODUCT CODE
Iron Oxide Red		Koellip 391	Koellip 391 TG
Iron Oxide Yellow		Koellip 392	Koellip 392 TG
Iron Oxide Black		Koellip 399	Koellip 399 TG
Iron Blue		Koellip 320	Koellip 320 TG
Titanium Dioxide		Koellip 389	Koellip 389 TG
Flaming Red	D&C Red 36	Koellip 385	Koellip 385 TG
Lithol Rubine B(Ca Lake) Dark Shade	D&C Red 7 Ca Lake	Koellip 111	Koellip 111 TG
Lithol Rubine B(Ba Lake)	D&C Red 6 Ba Lake	Koellip 511	Koellip 511 TG
Lithol Rubine B(Ca Lake) Light Shade	D&C Red 7 Ca Lake	Koellip 112	Koellip 112 TG
Deep Maroon	D&C Red 34 Ca Lake	Koellip 381	Koellip 381 TG
Lake of Tartrazine (Al Lake)	FD&C Yellow 5 Al Lake	Koellip 340	Koellip 340 TG
Lake of Brilliant Blue (Al Lake)	FD&C Blue 1 Al Lake	Koellip 390	Koellip 390 TG
Lake of Tetra Bromo Fluorescein	D&C Red 21 Al Lake	Koellip 380	Koellip 380 TG
Lake of Phloxine B	D&C Red 27 Al Lake	Koellip 041	Koellip 041 TG



PRE-DISPERSED GELS
FOR COSMETICS & PERSONAL CARE.

KOSPERSE

KOSPERSE series presents a highly specialized portfolio of pre-dispersed gels to help the formulators achieve the right rheological properties for aqueous & non-aqueous formulations.

This range includes pre-dispersed & activated systems made from different types of cosmetic oils, esters & solvents, enabling excellent dispersibility of additives with minimum shearing. KOSPERSE gels have very high viscosity & shear thinning properties and are very easy to handle & use.

Features:

- 1. Thickens the formulation.
- 2. Enables very smooth application on surface.
- 3. Shear thinning effect on application.
- 4. Application of lip-sticks is very smooth & helps form intact films.
- 5. Excellent Skin Feel.
- 6. Gel can be added at any convenient stage in the production cycle.

Product Basket:

PRODUCT	VEHICLE
KOSPERSE 001	Castor Oil
KOSPERSE 002	Dioctyl Adipate
KOSPERSE 003	Capryl / Catpric Triglycerate
KOSPERSE 004	Iso-Propyl Myristate
KOSPERSE 005	Octyl-12-Hydroxy Stearate
KOSPERSE 006	Isononyl Iso-Nonate (ININ)
KOSPERSE 007	Iso De-Decane (ISD)

Applications:

- Lipstick
- Nailpolish
- Eye Mascara
- Body Powder
- Foundation
- Blushers
- Cream and Lotion
- UV Sunscreen

Koel innovation center launches the next-gen surface treatments designed to enable the formulators to enhance their product experience & help them stand out with a difference!

The surface treatment technology is designed to suite majority of all inorganic & organic pigments to enhancing the finished product experience & help them stand out with elegance.



Why Koel’s Surface Treatment?

1. Unique technology.
2. 100% coverage of surface treatment.
3. No additional milling.
4. Excellent dispersibility.
5. Super soft velvet touch.
6. No bleeding issues.
7. Very strong bonding of the pigment & treatment.

Pigment Table For Comparison Of Surface Treatments:

	SURFACE TREATED (WATER DISPERSIBLE) (ST)	ALKYL SILANE COATING (CS)	LAURYL LYSINE COATING (PP)	DIMETHICONE COATING (DM)	METHICONE COATING (OM)
IRON OXIDE RED	Koelin 1919 ST	Koelin 1919 CS	Koelin 1919 PP	Koelin 1919 DM	Koelin 1919 OM
IRON OXIDE YELLOW	Koelin 1929 ST	Koelin 1929 CS	Koelin 1929 PP	Koelin 1929 DM	Koelin 1929 OM
IRON OXIDE BLACK	Koelin 1999 ST	Koelin 1999 CS	Koelin 1999 PP	Koelin 1999 DM	Koelin 1999 OM
TITANIUM DIOXIDE	Koelin 1910 ST	Koelin 1910 CS	Koelin 1910 PP	Koelin 1910 DM	Koelin 1910 OM
TALC	Koelin 1188 ST	Koelin 1188 CS	Koelin 1188 PP	Koelin 1188 DM	Koelin 1188 OM
MICA	Koelin 1197 ST	Koelin 1197 CS	Koelin 1197 PP	Koelin 1197 DM	Koelin 1197 OM
MICA (GLOSS)	Koelin 1702 ST	Koelin 1702 CS	Koelin 1702 PP	Koelin 1702 DM	Koelin 1702 OM
ZINC OXIDE	Koelin 1124 ST				
D&C RED 27 LAKE		Koelor 1041 CS			
D&C RED 28 LAKE		Koelor 1042 CS			
D&C RED 7 LAKE		Koelor 1112 CS			
D&C RED 6 LAKE		Koelor 1512 CS			
D&C RED 21 LAKE		Koelor 1303 CS			
FD&C BLUE 1 LAKE		Koelor 1900 CS			

*** Field of Application definition, as per EC directive 1223/2009 for use of colours in cosmetic**

- 1 – Colouring agents allowed in all cosmetic products
- 2 – Colouring agents 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
- 3 – Colouring agents allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes.
- 4 – Colouring agents allowed exclusively in cosmetic products intended to come into contact only briefly with skin
- a – 3% maximum concentration in the finished product
- b – 6% maximum concentration in the finished product

E numbers – E-104, E-122 etc. denote that the respective colour has to meet European food colour directive for purity.

*** Field of Application definition, as per US FDA, CFR Title 21 for use of colours in cosmetics**

- A – Permitted for coloring cosmetics generally, including cosmetics intended for use in the area of the eye, in amounts consistent with current good manufacturing practice
- B – Permitted for coloring cosmetics intended for use in the area of the eye, in amounts consistent with current good manufacturing practice
- C – Permitted for coloring cosmetics generally in amounts consistent with current good manufacturing practice
- D – Permitted for coloring externally applied cosmetics in amounts consistent with current good manufacturing practice
- E – Permitted for coloring externally applied cosmetics in amounts not exceeding 0.01 percent by weight of the finished cosmetic product
- F – Permitted for coloring cosmetic lip products in amounts not to exceed 3% total color by weight of the finished cosmetic product.

*** IS 4707 : Indian standard for Dyes, Colours and pigments permitted to be used in Cosmetics and Soaps.**

*** (*) These items are permitted to be used for those cosmetics which are not supposed to contact with mucous membrane**

LEGENDS: C.I.NO. - COLOUR INDEX NO. | Ba LAKE - BARIUM LAKE | Ca LAKE - CALCIUM LAKE | FD&C - FOOD DRUG & COSMETICS | D&C - DRUG & COSMETICS | L/O - LIP/ORAL | EA - EYE AREA | EXT - EXTERNAL | RO - RINSE OFF | X - NOT PERMITTED | S - SEMI RECOMMENDED | NA - NOT APPLICABLE | R - RECOMMENDED | Na - SODIUM | P - PIGMENTS | F/M - FACE MAKEUP | Al - ALUMINUM LAKE

GLOBAL CERTIFICATIONS



global footprint



Asia Pacific

- India
- China
- Thailand
- Indonesia
- Vietnam
- Malaysia
- South Korea
- Srilanka
- Philippines
- Kazakhstan
- Pakistan
- Taiwan
- Bangladesh
- Nepal
- New Zealand
- Australia
- Japan

Americas

North America

- United States of America
- Canada

Latin America

- Brazil
- Mexico
- Colombia
- Paraguay
- Argentina

Europe

- Italy
- UK
- Russia
- Latvia
- Greece
- Luxembourg
- France
- Belarus
- Germany
- Slovakia
- Croatia
- Hungary
- Spain
- Albania
- Turkey
- Bulgaria

Africa & ME

- Egypt
- Iran
- Tanzania
- South Africa
- UAE
- Tunisia
- Saudi Arabia
- Israel
- Morocco



See
colour through us

MR. COLOUR MAN



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Global HQ:

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Andheri Kurla Road, Andheri (E),
Mumbai - 400 093, India.

Application Lab:

F-11, Nand Jyot Industrial Premises,
Andheri Kurla Road, Safed Pool,
Sakinaka, Andheri (E),
Mumbai - 400 072, India.

Mfg. Unit 1:

Plot No. Ex-10, G.I.D.C.,
Dist. Valsad,
Vapi - 396 195,
Gujarat, India.

Mfg. Unit 2:

Plot No. 911, G.I.D.C.,
Tal. Umbergaon, Dist. Valsad,
Sarigam - 396 155,
Gujarat, India.