<u>GFLGI</u>

Pigments for Cosmetics & Personal Care

BEAUTY WITHIN



ADDINGVALUE

Sudarshan is a global supplier of high-end pigments with a diverse range of products ranging from organic, inorganic and effect pigments to performance colorants, pearlescent pigments and speciality chemicals.

Our quality colorants offer outstanding performance, brilliant color and special effect to the cosmetic and personal care industries.

With over 70 years of manufacturing experience, wellequipped modern laboratories and a team of skilled technologists, we are able to support the cosmetics and personal care industry with customized products, taking a partnership approach, providing advanced beauty solutions.

Operational Excellence

Accredited with ISO 9001:2015, ISO 14001:2015, ISO 17025 & ISO 45001:2018 certifications our quality, environment & safety systems are of international standards. Our manufacturing sites at Roha & Mahad are EFfCI GMP certified for manufacturing of mica based pigments and iron oxides for use as cosmetic ingredients. All improvement programs are driven through 6-Sigma methodology. Pigments are compliant with Halal & Kosher guidelines.

Our pigments are compliant with heavy metal specifications and globally published regulatory norms.

- US FDA Code of Federal regulations (CFR) title 21, part 73
- European Cosmetic (EC) Regulation 1223/2009
- Japanese standards of cosmetic ingredients (JSQI 2006)
- Chinese Safety and Technical Standards for Cosmetics (STSC 2015)

Sustainable Mica Sourcing

Sudarshan operates a zero-tolerance policy on child labour. We employ no workers below the age of 18 years at any of our sites, be they in India or anywhere else in the world. We demand that all our vendors and partners also adhere to this policy.







PEARLESCENT PLOMENTS

Soft elegance

Prestige pearlescent pigments offer very subtle optical appearances and are well suited for visual effects that refresh and create a younger looking skin. The range varies from super fine to sparkling lustre colorants providing numerous possibilities to the formulations.



Outstanding performance

Sumicos range of pigments brings brilliancy and shimmer to distinguish products in the personal care and color cosmetics space. This lustrous range includes products based on natural and synthetic mica technology which perfectly complement the softer effects offered by our Prestige range of products.



Functional fillers

Sumicair functional fillers offer improved slip, enhanced skin adhesion, balanced shine and coverage to a variety of cosmetic formulations. These fillers are prepared from highly pure natural mica flakes and specially processed for enhanced sensory.

Sudacos[™]

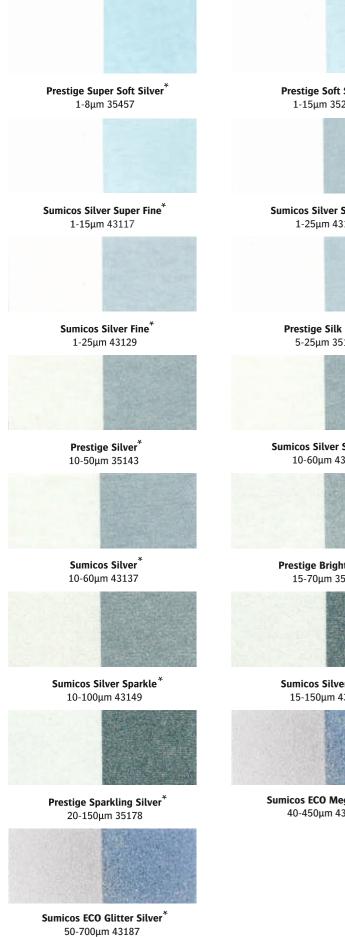
Organic pigments and dispersions

Sudacos organic pigments offers highest chroma, superior color consistency, and excellent dispersibility. These Sudacos range products are specially manufactured with highest purity to meet global regulatory requirements.



Silver Pigments

Natural mica platelets coated with titanium dioxide, offering soft sheen to sparkle/glitter special effects.











Prestige Silk Silver* 5-25µm 35130



Sumicos Silver Standard^{*} 10-60µm 43133



Prestige Bright Silver* 15-70µm 35162



Sumicos Silver Flash* 15-150µm 43157



Sumicos ECO Mega Silver* 40-450µm 43177





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(%)	TITANIUM DIOXIDE (%)	TIN OXIDE (%)	COSMOS
15	55-66		•
54	46-57	0-1	•
53	46-58		•
57	34-44		•
58	33-43		•
66	34-42		•
74	26-33		•
30	20-32		•
30	22-30		•
77	23-31		•
36	17-23		•
91	9-21		•
35	15-25		•
94	6-10		•
96	4-8		•

Gold Pigments

Natural mica platelets coated with titanium dioxide and iron oxide, Sudarshan gold pigments are available in a variety of particle size distributions offering special effects from soft sheen to sparkle effect.



Prestige Soft Summer Gold * 1-15μm 35499



Sumicos Bright Gold* 10-60µm 43636



Prestige Bright Sun Gold* 15-70μm 35177



Sumicos Gold Flash^{*} 15-150µm 43656



Prestige Sparkling Pure Gold* 20-150µm 35237



Prestige Sun Gold * 10-50µm 35158



Prestige Bright Lemon Gold* 15-70µm 35176



Sumicos Sparkle Gold^{*} 10-100µm 43647



Prestige Sparkling Lemon Gold* 20-150µm 35189



Sumicos Sandy Gold* 10-100µm 43648



10-50

10-60

15-70

15-70

10-100

15-150

20-150

20-150

10-100

35158

43636

35176

35177

43647

43656

35189

35237

43648

Prestige Sun Gold

Sumicos Bright Gold

Prestige Bright Lemon Gold

Prestige Sparkling Lemon Gold

Prestige Sparkling Pure Gold

Prestige Bright Sun Gold

Sumicos Sparkle Gold

Sumicos Gold Flash

Sumicos Sandy Gold

48-58

42-54

56-67

50-66

58-70

72-84

64-76

63-80

67-79

TITANIUM DIOXIDE (%		TIN OXIDE (%)	COSMOS
56-68	2-8	0-1	•
37-43	5-9		•
32-42	1-6		•
30-38	3-6		•
30-38	4-12		•
28-38	1-6		•
16-22	1-6		•
22-30	2-6		•
16-26	4-10	0-1	•
18-26	2-8		•

Interference Pigments



Sumicos Iridescent Gold Fine*1-25µm 43223



Sumicos Iridescent Gold^{*} 10-60µm 43237



Prestige Sparkling Gold * 20-150µm 35180



Prestige Silk Red^{*} 5-25µm 35134



Prestige Bright Red^{*} 15-70µm 35166



Prestige Violet* 10-50µm 35148



Prestige Blue * 10-50µm 35149



Prestige Silk Gold * 5-25µm 35132



Prestige Bright Gold *15-70µm 35164



Prestige Soft Orange^{*} 1-15µm 35417



10-50µm 35147



Prestige Sparkling Red^{*} 20-150µm 35182



Prestige Magic Violet* 10-50µm 35307



Sumicos Iridescent Blue* 10-60µm 43437



Prestige Gold*10-50µm 35145



Sumicos Iridescent Gold Flash* 15-150µm 43257



Prestige Orange^{*} 10-50µm 35146



Sumicos Iridescent Pink* 10-60µm 43337



Prestige Passion Pink* 10-50µm 35503



Sumicos Iridescent Violet * 10-60µm 43334



Prestige Green* 10-50µm 35150



	PRODUCT DETAILS								
PRODUCT CODE	PRODUCT NAME	PARTICLE SIZE (µm)	MICA (%)	TITANIUM DIOXIDE (%)	IRON OXIDE (%)	TIN OXIDE (%)	COSMOS		
43223	Sumicos Iridescent Gold Fine	1-25	39-51	49-61			•		
35132	Prestige Silk Gold	5-25	39-50	50-60		0-1	•		
35145	Prestige Gold	10-50	51-62	38-49			•		
43237	Sumicos Iridescent Gold	10-60	56-68	33-43			•		
35164	Prestige Bright Gold	15-70	59-67	33-41			•		
43257	Sumicos Iridescent Gold Flash	15-150	71-83	20-26			•		
35180	Prestige Sparkling Gold	20-150	67-78	22-32		0-1	•		
35417	Prestige Soft Orange	1-15	24-35	65-75		0-1	•		
35146	Prestige Orange	10-50	50-61	39-50			•		
35134	Prestige Silk Red	5-25	35-56	54-64		0-1	•		
35147	Prestige Red	10-50	49-60	40-51			•		
43337	Sumicos Iridescent Pink	10-60	53-65	35-47			•		
35166	Prestige Bright Red	15-70	56-64	36-44			•		
35182	Prestige Sparkling Red	20-150	65-76	24-34		0-1	•		
35503	Prestige Passion Pink	10-50	51-63	35-45	1-5	0-1	•		
35148	Prestige Violet	10-50	46-57	43-54			•		
35307	Prestige Magic Violet	10-50	45-57	43-54		0-1	•		
43334	Sumicos Iridescent Violet	10-60	52-64	36-48			•		
35149	Prestige Blue	10-50	43-54	46-57			•		
43437	Sumicos Iridescent Blue	10-60	51-63	37-49			•		
35150	Prestige Green	10-50	38-49	51-62			•		

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Earth Tone Pigments



Prestige Super Soft Beige^{*} 1-8μm 35468



Prestige Beige* 10-70µm 35272



Prestige Bronze^{*} 10-50µm 35151



Prestige Bright Bronze^{*} 15-70μm 35170



Prestige Soft Copper* 1-15µm 35340



Prestige Bright Copper * 15-70µm 35171



Prestige Bright Fire Red^{*} 15-70μm 35172



Sumicos Maroon* 10-60µm 43937

Prestige Soft Beige* 1-15µm 35342



Prestige Super Soft Bronze* 1-8µm 35467



Prestige Autumn Sky^{*} 10-50μm 35502

Sumicos Bronze Flash*

15-150µm 43757



Prestige Copper* 10-50µm 35152



Prestige Soft Fire Red * 1-15µm 35341



Prestige Pearly Almond* 10-50µm 35501



Sumicos Earthen Mist^{*} 10-60µm 43734



Prestige Soft Bronze^{*} 1-15μm 35339



Sumicos Bronze* 10-60µm 43737



Prestige Super Soft Copper* 1-8μm 35466



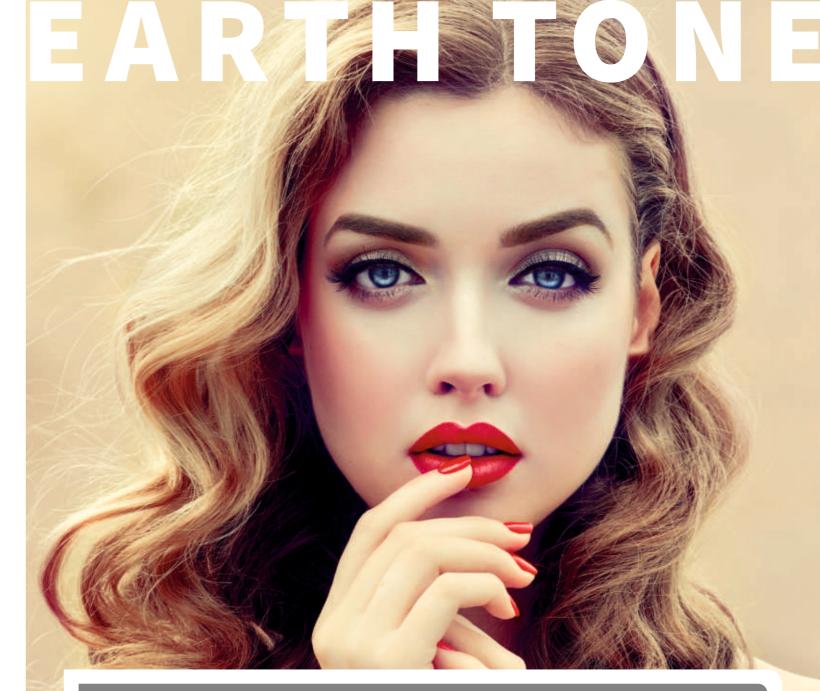
Sumicos Copper * 10-60µm 43837



Prestige Fire Red * 10-50µm 35153



Prestige Radiant Red^{*} 10-50µm 35504



PRODUCT DETAILS							
PRODUCT CODE	PRODUCT NAME	PARTICLE SIZE (µm)	MICA (%)	TITANIUM DIOXIDE (%)	IRON OXIDE (%)	TIN OXIDE (%)	COSMOS
35468	Prestige Super Soft Beige	1-8	25-53	19-33	28-42		•
35342	Prestige Soft Beige	1-15	31-52	15-25	33-43	0-1	•
43734	Sumicos Earthen Mist	10-60	64-76	17-25	7-11		•
35272	Prestige Beige	10-70	57-70	09-15	21-28		•
35467	Prestige Super Soft Bronze	1-8	34-44		56-66		•
35339	Prestige Soft Bronze	1-15	36-47		53-64		•
35151	Prestige Bronze	10-50	56-67		33-44		•
35502	Prestige Autumn Sky	10-50	56-68	26-36	4-10	0-1	•
43737	Sumicos Bronze	10-60	63-75		26-36		•
35170	Prestige Bright Bronze	15-70	62-73		27-38		•
43757	Sumicos Bronze Flash	15-150	73-85		17-25		•
35466	Prestige Super Soft Copper	1-8	25-35		65-75		•
35340	Prestige Soft Copper	1-15	29-38		62-71		•
35152	Prestige Copper	10-50	50-61		39-50		•
43837	Sumicos Copper	10-60	58-70		31-41		•
35171	Prestige Bright Copper	15-70	55-66		34-45		•
35341	Prestige Soft Fire red	1-15	27-40		60-73		•
35153	Prestige Fire Red	10-50	47-58		42-53		•
35172	Prestige Bright Fire Red	15-70	53-64		36-47		•
35501	Prestige Pearly Almond	10-50	53-65	27-37	5-11	0-1	•
35504	Prestige Radiant Red	10-50	52-64	17-25	17-25	0-1	•
43937	Sumicos Maroon	10-60	53-65		35-47		•

High Gloss Pigments



Sumicos Flash Silver* 15-150µm HG155



Sumicos Flash Violet * 15-150µm HG356



Sumicos Flash Rising Sun * 15-150µm HG757

Glam & Glow Series Interference Glow Products



Prestige Silver Glow^{*} 20-90µm 35381



Prestige Blue Glow* 20-90µm 35385

Masstone Glow Products



Prestige Bright Gold Glow* 20-90µm 35388

Interference Glam Products



Prestige Silver Glam* 20-150µm 35391



Sumicos Flash Gold * 15-150µm HG255



Sumicos Flash Skin Bronze* 15-150µm HG753



Sumicos Flash Copper* 15-150µm HG855



Prestige Gold Glow* 20-90µm 35382



Prestige Aqua Glow* 20-90 µm 35386



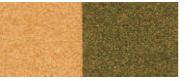
Prestige Bright Red Glow^{*} 20-90µm 35390



Prestige Green Glam * 20-150µm 35397



Sumicos Flash Red* 15-150µm HG355



Sumicos Flash Bronze* 15-150µm HG755



Sumicos Flash Maroon* 15-150µm HG955

Prestige Violet Glow*

20-90µm 35384



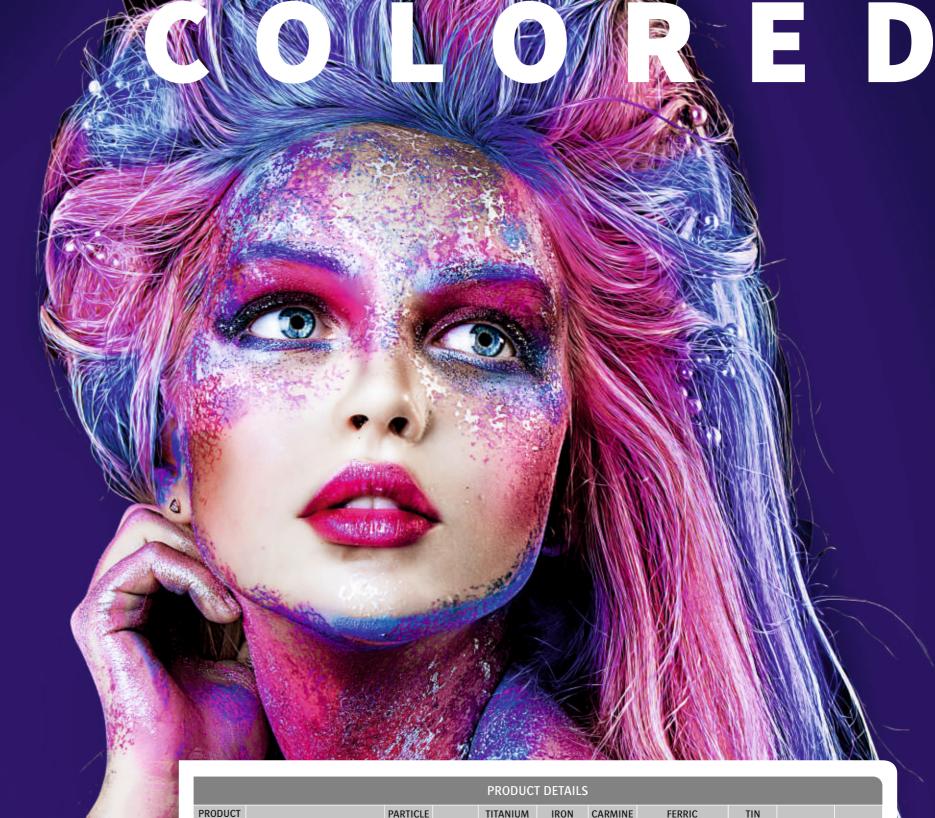
PRODUCT DETAILS								
PRODUCT CODE	PRODUCT NAME	PARTICLE SIZE (µm)	MICA (%)	TITANIUM DIOXIDE (%)	IRON OXIDE (%)	COSMOS		
HG155	Sumicos Flash Silver	15-150	79-91	12-18		•		
HG255	Sumicos Flash Gold	15-150	71-83	19-27		•		
HG355	Sumicos Flash Red	15-150	68-80	22-30		•		
HG356	Sumicos Flash Violet	15-150	66-78	24-32		•		
HG753	Sumicos Flash Skin Bronze	15-150	72-84	1-7	14-21	•		
HG755	Sumicos Flash Bronze	15-150	73-85		17-25	•		
HG757	Sumicos Flash Rising Sun	15-150	70-82	9-15	9-15	•		
HG855	Sumicos Flash Copper	15-150	68-80		22-30	•		
HG955	Sumicos Flash Maroon	15-150	64-76		26-34	•		
35381	Prestige Sliver Glow	20-90	65-77	25-33		•		
35382	Prestige Gold Glow	20-90	56-68	33-43		•		
35384	Prestige Violet Glow	20-90	60-72	28-40		•		
35385	Prestige Blue Glow	20-90	52-68	32-44		•		
35386	Prestige Aqua Glow	20-90	53-64	36-48		•		
35388	Prestige Bright Gold Glow	20-90	56-68	29-39	2-8	•		
35390	Prestige Bright Red Glow	20-90	64-70		28-38	•		
35391	Prestige Silver Glam	20-150	70-82	19-29		•		
35397	Prestige Green Glam	20-150	56-68	33-43		•		



Colored Pigments

Absorption colorants deposited on interference pigments provide intense color to create striking effects.







43130 Sumicos Titan Black St 10-60 56-68 18-26 Prestige Infinite Black 35474 10-50 44-56 +- Contain curcumin | # - Contain FD&C Red 40 | △ - Contain D&C Red 7 Note:

1) Pigments containing carmine and ferric ferrocyanide can be sensitive to excess heat, UV light & extreme pH. Special care must be taken when used in aqueous formulations. In USA: a) Ferric ferrocyanide containing products are prohibited for use in lip products.
D&C Red 7 containing products are prohibited for use in eye area products.
FD&C Red 40 is not an approved colorant in Japan, and therefore 35472 is prohibited in Japan for cosmetic applications.

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IRON DXIDE (%)	CARMINE (%)	FERRIC FERROCYANIDE (%)	TIN OXIDE (%)	OTHER (%)	COSMOS
	0.5-3				•
	0.5-3		0-1		•
	0.5-3		0-1		•
				1-7△	
1-2				4-10#	
		4-8	0-1		•
10-16					•
1-6		4-8	0-1		•
4-10					•
	0.5-3	3-8	0-1		•
		3-8			•
33-47					•
				2-4+	
13-19					•
44-56					•

Synthetic Mica Pigments



Sumicos Silk Silver Mist 5-25µm SM122



Sumicos Arctic Flare 20-250µm SM162



Sumicos Iridescent Gold Flare 20-250µm SM274



Sumicos Garnet Mist 10-60µm SM339



Sumicos Autumn Sunset 10-60µm SM636



Sumicos Sahara Sand 10-60µm SM736



Sumicos Copper Mist 10-60µm SM832



Sumicos Maroon Mist 10-60µm SM932

Sumicos Polar Mist 10-60µm SM132



Sumicos Silk Gold Mist 5-25µm SM222



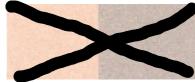
Sumicos Red Mist 10-60µm SM332



Sumicos Blue Mist 10-60µm SM432



Sumicos Silk Bronze Mist 5-25µm SM722



Sumicos Reddish Gold 20-150µm SM772



Sumicos Cheyenne Rust 10-60µm SM836



Sumicos IOBLA Mist 10-60µm SM130



Sumicos Crystal Shimmer 10-100µm SM142



Sumicos Gold Mist 10-60µm SM232



Sumicos Violet Mist 10-60µm SM333



Sumicos Sunset Mist 10-60µm SM632



Sumicos Bronze Mist 10-60µm SM732



Sumicos Silk Copper Mist 5-25µm SM822



Sumicos Silk Maroon Mist 5-25µm SM922



PRODUCT DETAILS								
PRODUCT CODE	PRODUCT NAME	PARTICLE SIZE (μm)	SYNTHETIC FLUORPHLOGOPITE (%)	TITANIUM DIOXIDE (%)	IRON OXIDE (%)	CARMINE (%)		
SM122	Sumicos Silk Sliver Mist	5-25	55-65	35-45				
SM132	Sumicos Polar Mist	10-60	68-80	22-28				
SM142	Sumicos Crystal Shimmer	10-100	79-91	12-18				
SM162	Sumicos Arctic Flare	20-250	85-97	6-12				
SM222	Sumicos Silk Gold Mist	5-25	44-56	44-56				
SM232	Sumicos Gold Mist	10-60	56-68	33-43				
SM274	Sumicos Iridescent Gold Flare	20-250	77-86	14-23				
SM332	Sumicos Red Mist	10-60	53-65	35-45				
SM333	Sumicos Violet Mist	10-60	52-64	36-48				
SM339	Sumicos Garnet Mist	10-60	50-62	33-45		1-7		
SM432	Sumicos Blue Mist	10-60	51-63	37-49				
SM632	Sumicos Sunset Mist	10-60	54-66	32-42	1-6			
SM636	Sumicos Autumn Sunset	10-60	52-64	21-29	14-20			
SM722	Sumicos Silk Bronze Mist	5-25	49-61		39-51			
SM732	Sumicos Bronze Mist	10-60	63-75		26-36			
SM736	Sumicos Sahara Sand	10-60	65-77	7-13	16-22			
SM772	Sumicos Reddish Gold	20-150	85-97		6-12			
SM822	Sumicos Silk Copper Mist	5-25	44-56		44-56			
SM832	Sumicos Copper Mist	10-60	58-70		31-41			
SM836	Sumicos Cheyenne Rust	10-60	53-65	8-14	26-34			
SM922	Sumicos Silk Maroon Mist	5-25	39-51		49-61			
SM932	Sumicos Maroon Mist	10-60	53-65		35-47			
SM130	Sumicos IOBLA Mist	10-60	44-56	1-7	40-52			



Functional Fillers

Sudarshan's COSMOS certified functional fillers are based on 100% natural mica and are specially processed for enhanced sensory.



Sumicair Satin Mica^{*} 1-25µm 43027



Sumicair Velvet Mica* 10-60µm 43037



Sumicair Naturefeel * 10-60µm 43031



Sumicair Silken Mica^{*} 1-25µm 43028



Sumicair Cream Mica* 10-60µm 43038



		PRC	DUCT DETAILS		
PRODUCT CODE	PRODUCT NAME	PARTICLE SIZE (μm)	MICA (%)	OTHER (%)	COSMOS
43027	Sumicair Satin Mica	1-25	100		•
43028	Sumicair Silken Mica	1-25	100		•
43037	Sumicair Velvet Mica	10-60	100		•
43038	Sumicair Cream Mica	10-60	100		•
43031	Sumicair Naturefeel	10-60	96-99	1-4~	•
~Contains Phyt	elephas aequatorialis seed powder				
	1				
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Iron Oxide Pigments



Sumicos Yellow^{*} 2213C



Sumicos Black^{*} 2230C



Sumicos Intense Black LHM 2233C



Sumicos Yellow LHM* 2215C



Sumicos Black LHM * 2231C



	PRODUCT DETAILS								
PRODUCT CODE	PRODUCT NAME	C.I.NUMBER	PIGMENT BLACK 11 (%)	PIGMENT YELLOW 42 (%)	COSMOS				
2213C	Sumicos Yellow	77492		100	•				
2215C	Sumicos Yellow LHM	77492		100	•				
2230C	Sumicos Black	77499	100		•				
2231C	Sumicos Black LHM	77499	100		•				
2233C	Sumicos Intense Black LHM	77499	100		•				

ETAILS

D&C Lake Pigments



Sudacos Rubine 3051 (D&C Red 7 Lake)



Sudacos Deep Maroon 3072 (D&C Red 34 Lake)

Sudacos Dispersions



Sudacos Lemon GR 3701



3709



Sudacos Cheery 3061 (D&C Red 6 Lake)



Sudacos Cardinal 3703



Sudacos Deep Black 3711

SUDACOS PIGMENTS

PRODUCT DETAILS PRODUCT H PRODUCT NAME C.I.NUMBER PIGMENT CODE RED 57:1 3051 Sudacos Rubine (D&C Red 7) 15850 15850 RED 57:1 3061 Sudacos Cherry (D&C Red 6) Sudacos Deep Maroon 3072 RED 63:1 15880 (D&C Red 34) 3701 11680 YELLOW 1 Sudacos Lemon GR 12490 RED 5 3703 Sudacos Cardinal 3709 Sudacos Prasine 74260 GREEN 7 3711 Sudacos Deep Black 77266 D&C Black 2

 \checkmark Allowed in cosmetic products X Prohibited

 Prohibited in cosmetic proudcts for eye use. △ Prohibited in cosmetic products intended to come in contact with the mucous membrane.

⊗ Prohibited for hair dye products

Disclaimer: This document does not constitute a legally binding obligation of Sudarshan. While the information contained herein and our technical advice - whether verbal, in writing or by way of trials - are given in good faith, it is provided for your guidance only. We recommend testing out products as to their suitability for your envisaged purpose prior to use. Furthermore, you are responsible for observing all laws and regulations relevant to any products mentioned herein and the products' application. No warranties of any kind, either express or implied, including warranties of merchantability or thress for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.

DROGENATED ROSIN	Global Regulatory Status			
	EU	US	CN	JP
	\checkmark	$\checkmark \circ$	$\checkmark \otimes$	\checkmark
•	\checkmark	$\checkmark \circ$	$\checkmark \otimes$	Х
•	\checkmark	$\checkmark \circ \bigtriangleup$	$\checkmark \otimes$	\checkmark
	$\checkmark \triangle$	Х	$\checkmark \otimes \triangle$	\checkmark
	\checkmark	Х	$\checkmark \otimes$	Х
	$\sqrt{\circ}$	Х	$\checkmark \otimes \circ$	Х
	\checkmark	\checkmark	$\checkmark \otimes$	\checkmark

First choice for new formulations

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