

## Industrial Pearl Pigments Product List 08-2016

### Silver White Pearl Pigments

White Pearls	Color	Compositions	Particle (µm)
<b>Mica Based Regular Pearls</b>			
8110C	Silver Fine	Mica, TiO <sub>2</sub>	<15
8111	Rutile Fine	Mica, TiO <sub>2</sub>	<15
SD-9130F	White Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 20
8119	Rutile Satin	Mica, TiO <sub>2</sub>	5 - 20
8120	Lustre Satin	Mica, TiO <sub>2</sub>	5 - 25
8123	Bright Lustre Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 25
8173W	Silk Pearl	Mica, TiO <sub>2</sub>	10 - 40
8100/ 8100B/ 8100W	Silver Pearl	Mica, TiO <sub>2</sub>	10 - 60
8103	Rutile Silver Pearl	Mica, TiO <sub>2</sub>	10 - 60
8151W	Silver Flash	Mica, TiO <sub>2</sub>	10 - 100
8153C	Sparkle Flash	Mica, TiO <sub>2</sub>	10 - 100
SD-9110S	Super Sparkle Flash	Mica, TiO <sub>2</sub>	20 - 150
8163	Silver Shimmer	Mica, TiO <sub>2</sub>	40 - 200
8183	Silver Glittering	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 500
<b>Glass Based Lumino Pearls</b>			
Lumino Velvet Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	5 - 30
Lumino Silk Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 70
Lumino Flash Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	20 - 100
Lumino Fine Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 150
Lumino Sparkle Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 200
Lumino Bright Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 350
Lumino Silver	White	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	50 - 500
<b>Synthetic Fluorophlogopite Based Lurid White Pearls</b>			
Lurid White 6999	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	< 15
Lurid White 6980	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	5 - 25
Lurid White 6995	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	9 - 45
Lurid White 6900	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
Lurid White 6937	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 100
Lurid White 6957	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	30 - 150
Lurid White 6309	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub>	50 - 250
Lurid White 6927	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	40 - 350
Lurid White 6917	Clean White	Syn. Fluorophlogopite, TiO <sub>2</sub> , SiO <sub>2</sub>	10 -700

## Interference Pearl Pigments

Interference Pearls	Color	Compositions	Particle (µm)
<b>Mica Based Regular Interference Pearls</b>			
8201X	Interf. Gold Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 25
8211 / 8211C	Interf. Red Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 25
8223 / 8223C	Interf. Violet Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 25
8221 / 8221C	Interf. Blue Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 25
8231C	Interf. Green Satin	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	5 - 25
8205	Interf. Gold Pearl	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
8215	Interf. Red Pearl	Mica, TiO <sub>2</sub>	10 - 60
8217	Interf. Copper Pearl	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
8219K	Interf. Violet Pearl	Mica, TiO <sub>2</sub>	10 - 60
8224 / 8224W	Interf. Super Blue	Mica, TiO <sub>2</sub>	10 - 60
8225	Interf. Blue Pearl	Mica, TiO <sub>2</sub>	10 - 60
8235	Interf. Green Pearl	Mica, TiO <sub>2</sub>	10 - 60
8249	Interf. Gold Flash	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 100
8259C	Interf. Red Flash	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 100
8279	Interf. Red Flash	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 100
8289W	Interf. Blue Flash	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 100
8299 / 8299W	Interf. Green Flash	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 100
SD-7205	Ultra Interf. Gold	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
SD-7215X	Ultra Interf. Red	Mica, TiO <sub>2</sub>	10 - 60
SD-7219	Ultra Interf. Violet	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
SD-7225	Ultra Interf. Blue	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
SD-7235X	Ultra Interf. Green	Mica, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
<b>Glass Based Lumino Interference Series</b>			
Lumino Silk Golden	Interference Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lumino Silk Red	Interference Red	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lumino Silk Violet	Interference Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lumino Silk Blue	Interference Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lumino Silk Green	Interference Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lumino Silk Turquoise	Interference Turquoise	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 100
Lumino Interference Golden	Interference Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 150
Lumino Interference Red	Interference Red	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 150
Lumino Interference Violet	Interference Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 150
Lumino Interference Blue	Interference Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 150
Lumino Interference Green	Interference Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 150
Lumino Spark Gold - X	Interference Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 200
Lumino Spark Red - X	Interference Red	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 200
Lumino Spark Violet - C	Interference Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 200
Lumino Spark Blue - C	Interference Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 200
Lumino Spark Green - X	Interference Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 200
Lumino Glittering	Interference Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 350
Lumino Glittering	Interference Red	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 350
Lumino Glittering	Interference Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 350

Interference Pearls	Color	Compositions	Particle (µm)
Lumino Glittering	Interference Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 350
Lumino Glittering	Interference Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 350
<b>Synthetic Fluorphlogopite Based Lurid Interference Series</b>			
Lurid Silk Golden	Interference Golden	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lurid Silk Red	Interference Red	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lurid Silk Violet	Interference Violet	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lurid Silk Blue	Interference Blue	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lurid Silk Green	Interference Green	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	10 - 60
Lurid Interference Golden	Interference Golden	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	30 -150
Lurid Interference Red	Interference Red	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	30 -150
Lurid Interference Violet	Interference Violet	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	30 -150
Lurid Interference Blue	Interference Blue	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	30 -150
Lurid Interference Green	Interference Green	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	30 -150
Lurid Spark Golden	Interference Golden	Syn. Fluorphlogopite, TiO <sub>2</sub>	50 -250
Lurid Spark Red	Interference Red	Syn. Fluorphlogopite, TiO <sub>2</sub>	50 -250
Lurid Spark Violet	Interference Violet	Syn. Fluorphlogopite, TiO <sub>2</sub>	50 -250
Lurid Spark Blue	Interference Blue	Syn. Fluorphlogopite, TiO <sub>2</sub>	50 -250
Lurid Spark Green	Interference Green	Syn. Fluorphlogopite, TiO <sub>2</sub>	50 -250
Lurid Glittering Golden	Interference Golden	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	50 -350
Lurid Glittering Red	Interference Red	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	50 -350
Lurid Glittering Violet	Interference Violet	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	50 -350
Lurid Glittering Blue	Interference Blue	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	50 -350
Lurid Glittering Green	Interference Green	Syn. Fluorphlogopite, TiO <sub>2</sub> , SnO <sub>2</sub>	50 -350

## Golden and Metallic Pearl Pigments

Golden&Metallic Pearls	Color	Compositions	Particle (µm)
<b>Mica Based Regular Pearls</b>			
8300W	Pearl Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8302W	Satin Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	5 - 25
8303	Royal Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	10 - 60
8304	Mayan Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8305	Stellar Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	10 - 60
8306	Olympic Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8318F	Classy Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8323C	Royal Gold Satin	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	5 - 25
8351C	Flash Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 100
8355C	Glitter Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 100
8500	Bronze	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8502	Red Brown	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8504W	Wine Red	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8505	Blue Russet	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
8520F	Satin Bronze	Mica, Fe <sub>2</sub> O <sub>3</sub>	5 - 25
8522F	Satin Red Brown	Mica, Fe <sub>2</sub> O <sub>3</sub>	5 - 25
8524C	Satin Wine Red	Mica, Fe <sub>2</sub> O <sub>3</sub>	5 - 25
8530C	Flash Bronze	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 100
8532C	Flash Red Brown	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 100
8534C	Flash Wine Red	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 100
8535C	Flash Blue Russet	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 100
<b>Mica Based Vibrant Pearls</b>			
Vibrant Gold	Golden	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
Vibrant Orange	Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
Vibrant Ruby Red	Red	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
Vibrant Blue Gold	Blue Gold	Mica, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferrocyanide	10 - 60
Vibrant Green Gold	Green Gold	Mica, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , Ferric Ferrocyanide	10 - 60
Vibrant Plum	Purple	Mica, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferrocyanide	10 - 60
Vibrant Sunset Purple	Bluish Purple	Mica, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferrocyanide	10 - 60
Vibrant Aquatic Blue	Blue	Mica, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferrocyanide	10 - 60
Vibrant Enchanted Green	Bluish Green	Mica, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferrocyanide	10 - 60
Vibrant Fire Red	Bright Red	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
Vibrant Fire Tan Dust	Bright Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
<b>Glass Based Gold, Metallic and Color Pearls</b>			
Lumino Fine Gold	Golden	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 150
Lumino Rose Gold	Brown Golden	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub>	80 - 200
Lumino Light Gold	Light Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	80 - 200
Lumino Sunny Gold	Bright Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	80 - 200
Lumino Red Gold	Red Golden	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	80 - 200
Lumino Carmine Pink	Pink	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Carmine	80 - 200
Lumino Bobble Gum Pink	Light Pink	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Carmine	80 - 200

<b>Golden&amp;Metallic Pearls</b>	<b>Color</b>	<b>Compositions</b>	<b>Particle (µm)</b>
Lumino True Blue	Deep Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferro	80 - 200
Lumino Silver Blue	Silver Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Ferric Ferro	80 - 200
Lumino Papaya Green	Yellowish Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , Fe Ferro	80 - 200
Lumino Gold	Golden	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
Lumino Copper	Copper	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
<b>Synthetic Fluorophlogopite Based Lurid Gold, Metallic and Colored Pearls</b>			
Lurid Velvet Gold	Golden	Syn. Fluorophlogopite, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	0 - 15
Lurid Velvet Red	Red	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , Silica	0 - 15
Lurid Velvet Bronze	Orange	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , Silica	0 - 15
Lurid Light Gold	Light Gold	Syn. Fluorophlogopite, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub>	10 - 60
Lurid Bronze	Bronze	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
Lurid Smooth Red	Reddish Brown	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
Lurid Violet Red	Wine Red	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	10 - 60
Lurid Sparkling Light Gold	Light Gold	Syn. Fluorophlogopite, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	40 - 200
Lurid Sparkling Bronze	Bronze	Synthetic Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	40 - 200
Lurid Sparkling Violet Red	Wine Red	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	40 - 200
Lurid Super Gold	Golden	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50 - 200
Lurid Power Red	Russet	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	30 - 150
Lurid Orange	Orange	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50 - 200
Lurid Light Gold 700	Light Gold	Syn. Fluorophlogopite, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	60 - 700
Lurid Russet 700	Russet	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	60 - 700
Lurid Copper 700	Copper	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	60 - 700
Lurid Bronze 700	Bronze	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	60 - 700
Lurid Super Gold 700	Golden	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , Silica	200 - 700
Lurid Power Red 700	Red	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub>	200 - 700
Lurid Aquatic Blue 700	Blue	Syn. Fluorophlogopite, TiO <sub>2</sub> , Fe Ferrocyanic	200 - 700
Lurid Violet Blue 700	Violet Blue	Syn. Fluorophlogopite, TiO <sub>2</sub> , Fe Ferrocyanic	200 - 700
Lurid Silky Pink 700	Black Violet	Syn. Fluorophlogopite, TiO <sub>2</sub> , Black 2, SnO <sub>2</sub>	200 - 700
Lurid Midnight Purple 700	Black Blue	Syn. Fluorophlogopite, TiO <sub>2</sub> , Black 2, SnO <sub>2</sub>	200 - 700

## Aluminum Based Vivid Color Pigments

Product Code	Color	Compositions	Particle (µm)
A3152S	Silver	Aluminum, SiO <sub>2</sub>	10-80
A6152S	Silver	Aluminum, SiO <sub>2</sub>	50-80
A8152S	Silver	Aluminum, SiO <sub>2</sub>	50-150
A2152Y	Fine Gold (Yellow)	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10-50
A2152O	Fine Orange	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10-50
A3152Y	Gold (Yellow)	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	30-60
A3152O	Orange	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	30-60
A3152B	Blue	Al., SiO <sub>2</sub> , Ferric Ferrocyanide	30-60
A3152G	Olive Green	Al., Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Ferric Ferrocyanide	30-60
A3172G	Forest Green	Al., Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Ferric Ferrocyanide	30-60
A3352R	Blaze Red	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	30-60
A3352Y	Luxury Gold	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	30-60
A3372Y	Amber	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	30-60
A6152Y	Gold (Yellow)	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50-80
A6152O	Orange	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50-80
A6152B	Blue	Al., SiO <sub>2</sub> , Ferric Ferrocyanide	50-80
A6152G	Olive Green	Al., Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Ferric Ferrocyanide	50-80
A6172G	Forest Green	Al., Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Ferric Ferrocyanide	50-80
A6352R	Copper	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50-80
A6352Y	Luxury Gold	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50-80
A6372Y	Amber	Aluminum, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50-80

## Sandream Color Variable Pearlescent Pigment

Product Code	Color	Compositions	Particle (µm)
<b>Mica Based Color Variable</b>			
CVP 22089	Cyan-Blue-Purple-Red	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	5 - 25
CVP 22088	Blue-Purple-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	5 - 25
CVP 22087	Indigo-Purple-Red-Orange Yellow	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	5 - 25
CVP 22086	Mauve-Red-Orange-Yellow	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	5 - 25
CVP 22085	Red-Orange-Yellow-Yellow Green	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	5 - 25
CVP 22084	Golden-Yellow Green-Green-Blue	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	5 - 25
CVP 22069	Blue Green-Blue-Violet-Red	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 40
CVP 22068	Blue-Violet-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 40
CVP 22067	Violet Blue-Violet-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 40
CVP 22066	Violet Red-Red-Orange-Yellow	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 40
CVP 22065	Red-Orange-Yellow-Yellow Green	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 40
CVP 22064	Golden-Yellow Green-Green-Blue	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 40
CVP 22049	Blue Green-Blue-Violet-Red	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 60
CVP 22048	Blue-Violet-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 60
CVP 22047	Violet Blue-Violet-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 60
CVP 22046	Violet Red-Red-Orange-Yellow	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 60
CVP 22045	Red-Orange-Yellow-Yellow Green	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 60
CVP 22029	Blue Green-Blue-Violet-Red	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 80
CVP 22028	Blue-Violet-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 80
CVP 22027	Violet Blue-Violet-Red-Orange	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 80
CVP 22026	Violet Red-Red-Orange-Yellow	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 80
CVP 22025	Red-Orange-Yellow-Yellow Green	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 80
CVP 23069	Cyan-Blue-Purple-Red	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
CVP 23068	Blue-Purple-Red-Orange	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
CVP 23067	Indigo-Purple-Red-Orange Yellow	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
CVP 23066	Mauve-Red-Orange-Yellow	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
CVP 23065	Red-Orange-Yellow-Yellow Green	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
CVP 23064	Golden-Yellow Green-Green-Blue	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	10 - 40
CVP 1838	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1938	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1638	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1368	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1498	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1598	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1138	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 1738	Traveling Colors	Mica, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	18 - 78
CVP 3718	Traveling Colors	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	18 - 78
CVP 3988	Traveling Colors	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	18 - 78
CVP 3188	Traveling Colors	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	18 - 78
CVP 3928	Traveling Colors	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	18 - 78
CVP 3418	Traveling Colors	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	18 - 78
CVP 3358	Traveling Colors	Mica, TiO <sub>2</sub> , SiO <sub>2</sub>	18 - 78
<b>Fluorophlogopite Based Color Variable</b>			
CVP 91295	Blue-Violet-Red	Synthetic Fluor., TiO <sub>2</sub> , SnO <sub>2</sub> , Co <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45
CVP 91292	Turquoise-Blue-Violet	Synthetic Fluor., TiO <sub>2</sub> , SnO <sub>2</sub> , Co <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45
CVP 91285	Gold-Green-Blue	Synthetic Fluor., TiO <sub>2</sub> , SnO <sub>2</sub> , Co <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45
CVP 91275	Red-Gold--Green	Synthetic Fluor., TiO <sub>2</sub> , SnO <sub>2</sub> , Co <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45

Product Code	Color	Compositions	Particle (µm)
CVP 91509	Violet-Red-Gold	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45
CVP 91508	Blue-Red-Orange	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45
CVP 91506	Green-Blue-Violet	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	15 - 45
CVP 48598	Red-Orange-Gold	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , SnO <sub>2</sub>	20 - 80
CVP 48765	Green-Blue-Violet	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , SnO <sub>2</sub>	20 - 80
CVP 48987	Violet-Red-Orange	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , SnO <sub>2</sub>	20 - 80
CVP 48379	Turquoise-Violet-Red	Synthetic Fluor., TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , SnO <sub>2</sub>	20-100
CVP 73929	Silver-Gold	Synthetic Fluor., TiO <sub>2</sub> , SiO <sub>2</sub> , SnO <sub>2</sub>	80-180
CVP 7457	Traveling Colors	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50 - 200
CVP 7637	Traveling Colors	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50 - 200
CVP 7765	Traveling Colors	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50 - 200
CVP 7777	Traveling Colors	Syn. Fluorophlogopite, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	50 - 200
<b>Glass Based Color Variable</b>			
CVP 61205C	Gold-Red-Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 100
CVP 61295C	Red-Violet-Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 100
CVP 61291C	Violet-Blue-Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 100
CVP 61285C	Blue-Green-Gold	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	30 - 100
CVP 61270C	Gold-Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	30 - 100
CVP 61205B	Gold-Red-Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 150
CVP 61295B	Red-Violet-Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 150
CVP 61294B	Red-Violet-Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 150
CVP 61293B	Violet-Blue-Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 150
CVP 61285B	Blue-Green-Gold	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	40 - 150
CVP 61205A	Gold-Red-Violet	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 200
CVP 61295A	Red-Violet-Blue	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 200
CVP 61291A	Violet-Blue-Green	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 200
CVP 61285A	Blue-Green-Gold	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SnO <sub>2</sub>	50 - 200
CVP 2064	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
CVP 2474	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
CVP 2954	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
CVP 2684	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
CVP 2454	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 150
CVP 2554	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 150
CVP 2154	Traveling Colors	Al.Ca.Na.Silicate, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 150
CVP 4577	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	10 - 150
CVP 4574	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>	20 - 500
CVP 6537	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 150
CVP 6177	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 150
CVP 6387	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 150
CVP 6457	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 150
CVP 6534	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 500
CVP 6174	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 500
CVP 6384	Traveling Colors	Al.Ca.Na.Silicate, TiO <sub>2</sub> , SiO <sub>2</sub>	20 - 500