COMPANY INTRODUCTION

Famous Speciality Chemicals, established in 2022, is an emerging Product Solution Provider in the Speciality Chemicals producing high-quality adhesives, sealants, and construction chemicals.

We also offer Raw Materials for **Paints, Coatings, Construction, Adhesives, Ceramic, Gasket & Rubber Industries**. Our commitment to innovation, excellence, and sustainability sets us apart in the Speciality Chemicals industry.

Famous Minerals and Chemicals Pvt Ltd, being our parent company, established in the year 1976, we have a legacy of delivering cutting-edge solutions in area of White Minerals and superior customer service to meet the evolving needs of our diverse clientele in area of Paints, Coating, Construction, Adhesives, Ceramic & Rubber Industries. We have our warehouses in Vasai and Bhiwandi.

About **SKYSIL®**

Guangzhou Quanxu Technology Co Ltd has more than 25 years of experience in the chemical industry. It offers a full-range assortment of Silica Matting Agent, Silica Anti-corrosion Pigments, Nano/Fumed Alumina, and Paper Chemicals, which are independently researched and developed by a strong and experienced, high-quality professional and technical team. Their contribution yielded environmental-friendly products such as the low oil absorption UV matting agent, a compound that was specifically designed to minimize the VOC emission of paints. These Products are the building blocks of eco-friendly alternative energy solutions which abilities protect leather and prevent the corrosion of metals make them idea for floor coating, glass paint, and the making of wooden-ware.

QUANXU respects the requirements of its customers on product quality and functionality, through imported advanced testing instruments to enhance the quality control and inspection process. All of QUANXU SKYSIL® products are approved by international recognized safe standards such as SGS and ROHS. The popularity of the brand among customers have been widely accepted QUANXU products and are marketed in more than 20 countries outside of China.

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SILICA MATTING AGENT
FOR PAINTS/COATINGS

SKYSIL®

Chemical Data

Item	SL-400	SS-402	SL-410	SS-410L	SL-620	SS-620L	SL-630	SS-630L	SS-650L
Content of Sio2 (dry based) %,	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0
Porosity ml/g	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0
Oil absorption, g/100g	250-300	250-300	260-320	260-320	260-320	260-320	260-320	260-320	260-320
Particle Size, um (Malvent , D50)	3.0-3.5	3.0-3.5	3.5-4.0	3.5-4.0	4.0-5.0	4.0-5.0	5.5-6.5	5.5-6.5	6.8-7.3
Loss on drying (105℃,2hrs),%	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0
Ignition loss (1000℃,2Hrs),%	≤9.0	≤13.0	≤9.0	≤13.0	≤19.0	≤7.0	≤13.0	≤13.0	≤13.0
Whiteness,%	≥95.0	≥95.0	≥95.0	≥95.0	≥95.0	≥95.0	≥95.0	≥95.0	≥95.0
PH (5% Liquor)	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8
Surface Treatment	None	Organic	None	Organic	None	Organic	None	Organic	Organic

Applications

- √ High wood coatings
- √ Printing inks
- √ Industrial coatings
- √ Automotive coatings
- √ Plastic coatings

QUANXU
铨旭科技

SILICA MATTING AGENT
FOR PRINTING INIKS

Composition

√ CAS Number (SILICON DIOXIDE):7631-86-9

Chemical Data

Item	SS-160	SS-180
Content of sio2 (dry basis) %	≥99.0	≥99.0
Porosity ml/g	1.6-1.8	1.8-2.0
Oil Absorption g/100g	260-320	260-320
Particle Size (Malvent D50),um	3.5-4.0	4.0-4.5
Loss on drying (105℃, 2Hrs)	≤5.0	≤5.0
Ignition loss (1000℃,2Hrs)	≤7.0	≤7.0
Whiteness,%	≥95.0	≥95.0
PH (5% Liquor)	6-7	6-7
Surface treatment	None	None

Applications

√ UV printing inks
√ Water based printing inks
√ Solvent based gravure printing inks
√ Industrial coating

SILICA MATTING AGENT

FOR UV COATING AND COSMETICS NAIL POLISH

SKYSIL®

Chemical Data

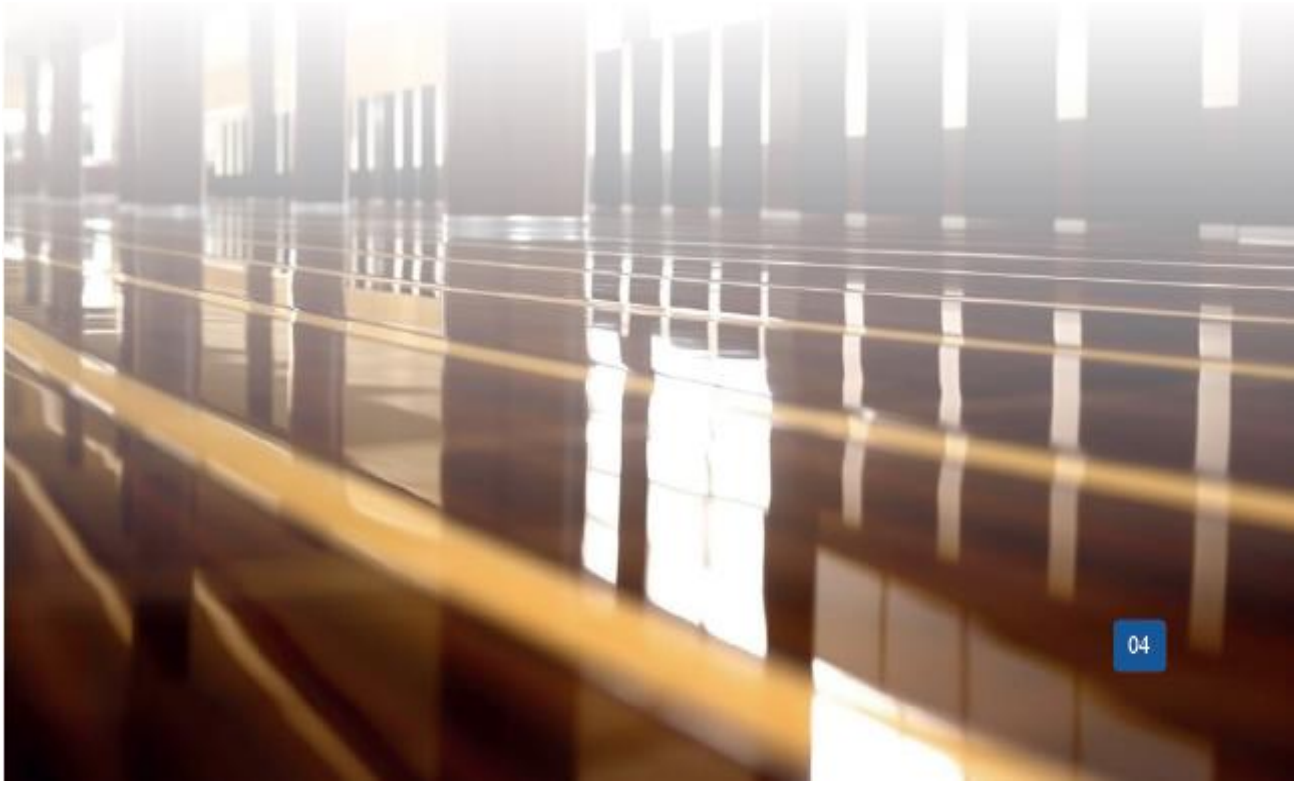
Item	SS-826	SS-829	SS-820	SS-830	SS-890
Content of sio2 (dry based) %,	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0
Porosity ml/g	≥1.20	≥1.20	≥1.20	≥1.20	≥1.20
Oil absorption, g/100g ,	140-200	220-300	140-200	140-200	220-300
Particle Size, um (Malvent , D50)	5.0-6.0	6.5-7.5	7.0-7.5	7.5-8.5	9.0-10.0
Loss on drying (105℃ , 2Hrs),%	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0
Ignition loss (1000℃,2Hrs),%	≤18.0	≤18.0	≤18.0	≤18.0	≤18.0
Whiteness,%	≥93.0	≥93.0	≥93.0	≥93.0	≥93.0
PH (5% Liquor)	6-8	6-8	6-8	6-8	6-8
Surface Treatment	Organic	Organic	Organic	Organic	Organic

Applications

√ UV wood coatings

√ UV plastic coating

√ Cosmetics nail polish



QUANXU
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SILICA MATTING AGENT
FOR VARIOUS PAINTS

Composition

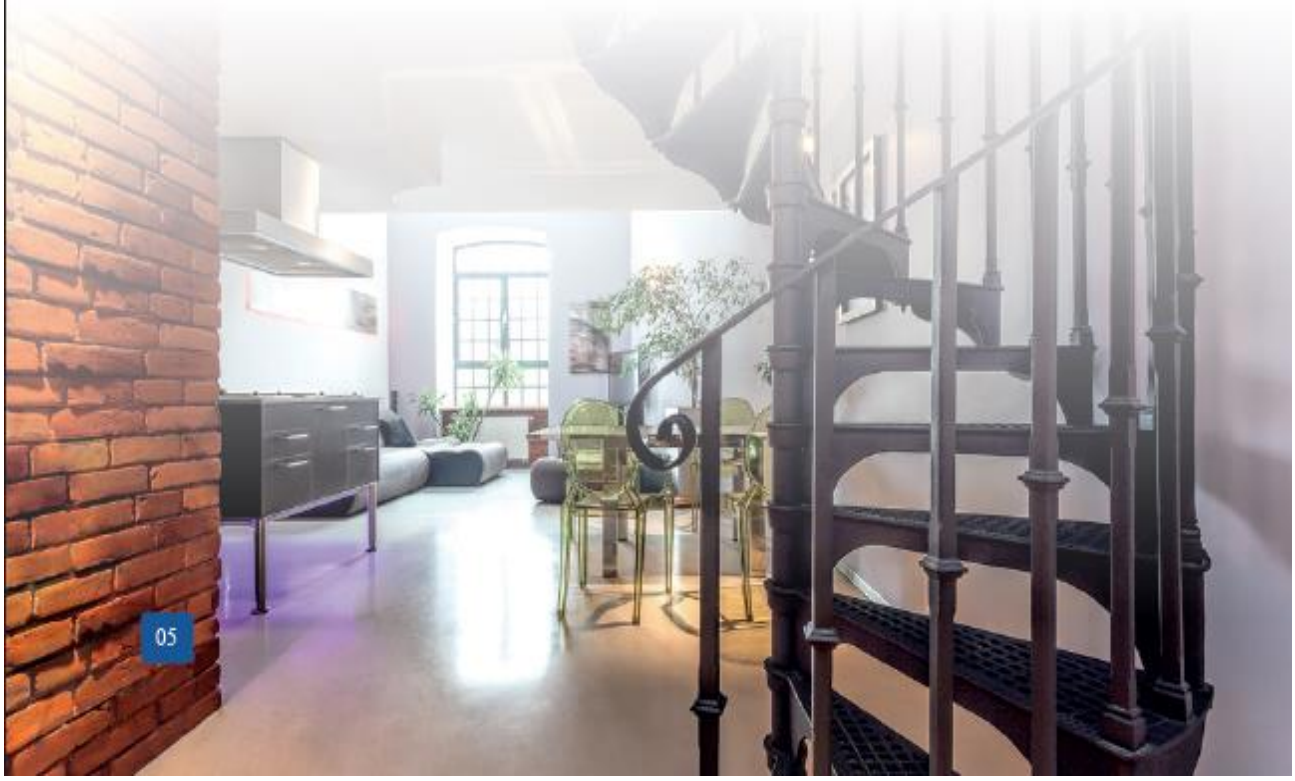
√ CAS Number (SILICON DIOXIDE):7631-86-9

Chemical Data

Item	SS-70
Content of sio2 (dry basis) %	≥99.0
Oil Absorption g/100g	220-300
Particle Size, (Malvent D50),um	3.5-4.5
Loss on drying (105°C, 2Hrs)	≤5.0
Ignition loss (1000°C,2Hrs)	≤13.0
Whiteness,%	≥90.0
PH (5% Liquor)	6-8
Surface treatment	Special

Applications

√ Plastic coating √ Printing inks √ Industrial coating √ Leather coating



QUANXU
铨旭科技

SILICA MATTING AGENT

FOR COIL COATINGS

Chemical Data

Item	SL-710	SL-712	SL-715	HF-685	HF-687
Content of sio2 (dry based) %,	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0
Porosity ml/g	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0
Oil absorption, g/100g , g/100g	260-300	260-300	260-300	260-300	260-300
Particle Size, um (Malvent,D50)	5.0-6.0	6.0-7.0	10.0-11.0	6.0-7.0	10.0-11.0
Loss on drying (105℃, 2Hrs),%	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0
Ignition loss (1000℃,2Hrs),%	≤7.0	≤7.0	≤7.0	≤7.0	≤7.0
Whiteness,%	≥95.0	≥95.0	≥95.0	≥95.0	≥95.0
PH (5% Liquor)	6-7	6-7	6-7	6-7	6-7
Surface Treatment	Special	Special	Special	None	None

Applications

√ Coil coatings

√ Coating for aluminum coil

SILICA MATTING AGENT
FOR LEATHER COATING

SKYSIL®

Chemical Data

Item	SS-318	SS-300	SS-314
Content of sio2 (dry based) %,	≥99.0	≥99.0	≥99.0
Porosity ml/g	≥1.2	≥1.2	≥1.2
Oil absorption, g/100g	260-320	260-320	240-300
Particle Size, (Malvent , D50), um	3.0-3.5	3.5-4.0	3.0-3.5
Loss on drying (105℃, 2Hrs),%	≤5.0	≤5.0	≤5.0
Ignition loss (1000℃,2Hrs),%	≤6.0	≤6.0	≤6.0
Whiteness,%	≥95.0	≥95.0	≥95.0
PH (5% Liquor)	6-7	6-7	6-7
Surface Treatment	Special	Special	Special

Applications

√ Leather coating √ Industrial coating

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SILICA MATTING AGENT

FOR SOFT FEELING COATINGS

Composition

√ CAS Number (SILICON DIOXIDE):7631-86-9

Chemical Data

Item	SS-310	SS-312	SS-317	SS-320	SS-322	SS-326	SS-952
Content of sio2 (dry based) %	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0
DOA absorption ml/100g	280-350	280-350	260-320	280-350	260-320	280-350	280-350
Particle Size, (Malvent , D50), um	3.0-4.0	3.0-4.0	3.0-4.0	5.5-6.5	5.5-6.5	5.5-6.5	6.5-7.0
Loss on drying (105℃, 2Hrs),%	≤5.0	≤5.0	≤5.0	≤5.0	5.0	≤5.0	≤5.0
Ignition loss (1000°C,2Hrs),%	≤7.0	≤13.0	≤13.0	≤7.0	≤13.0	≤13.0	≤12.0
Whiteness,%	≥93.0	≥93.0	≥93.0	≥93.0	≥93.0	≥93.0	≥93.0
PH (5% Liquor)	6-7	6-7	6-7	6-7	6-7	6-7	6-7
Surface Treatment	None	Organic	Special	None	Special	Organic	Organic

Applications

√ Soft feeling coatings used for phone shell, laptop surface, household appliances, plastic electronics and so on

√ Industrial coating √ Plastic coating √ Printing inks

SILCIA MATTING AGENT

FOR NC WOOD COATING/GENERAL INDUSTRIAL COATING

SKYSIL®

Chemical Data

Item	SS-200	SS-205
Content of sio2 (dry based) %,	≥98.5	≥98.5
Porosity ml/g	1.2-1.4	1.2-1.4
Oil absorption, g/100g ,	270-320	270-320
Particle Size, um (Malvent , D50)	5.5-6.5	6.5-7.5
Loss on drying (105℃, 2Hrs),%	≤5.0	≤5.0
Ignition loss (1000°C,2Hrs),%	≤6.0	≤6.0
Whiteness,%	≥95.0	≥95.0
PH (5% Liquor)	6-7	6-7
Surface Treatment	None	None

Applications

√ NC wood coating √ Printing inks √ Industrial coating

QUANXU
铨旭科技

SILICA MATTING AGENT

FOR MATTE INKJET PAPER/THERMAL PAPER

Description

Silicon dioxide inkjet printing media is our most standard of color ink substrate surface coating of adsorption material. The product has a high pore volume, high reducibility and absorption. This makes the dye nonproliferation, not cross color, high clear. So that the pictures distinguish ability is high and colorful.

Chemical Data

Item	SS-405	SS-407	SS (H)-903
Content of sio2 (dry based) %,	≥99.0	≥99.0	≥99.0
Oil absorption, g/100g ,	210-260	100-150	260-300
Particle Size, um (Malvent , D50)	6.0-7.0	1.7-2.2	6.0-7.0
Loss on drying (105℃, 2Hrs),%	≤5.0	≤5.0	≤5.0
Ignition loss (1000°C,2Hrs),%	≤6.0	≤6.0	≤6.0
Whiteness,%	≥95.0	≥95.0	≥90.0
PH (5% Liquor)	6-7	6-7	6-7
Surface Treatment	None	None	None

Applications

√ Matte photo paper coating √ Color spray paper √ Thermal paper

SILICA ANTI-BLOCKING AGENT
FOR FILMS

SKYSIL®

Chemical Data

Item	SS-540	SK-700	SK-750	SK-800	SK-850
Content of SiO2, (dry basis) %	≥99.0	≥99.0	≥99.0	≥99.0	≥99.0
Moisture,%≤	2.0	2.0	2.0	2.0	2.0
Oil absorption, g/100g ,	140-200	70-120	170-220	100-150	70-120
Particle Size (Malvent),um	3.5-4.0	3.0-3.5	3.5-4.0	4.0-4.5	6.5-7.5
Whiteness,%≥	99	99	99	99	99
PH	6-8	6-8	6-8	6-8	6-8
Fe (ppm≤)	100	100	100	100	100

Application Method

1. Recommended dosage is 3% -5%.
2. As different formulations and conditions, suggest the user to test and make sure the dosage before using.

Applications

√ Polyethylene film √ Polypropylene film √ Polyvinyl chloride film

QUANXU
铨旭科技

SILICA ANTICORROSION PIGMENT

Description

Dry, white, free flow powder, silica based Anti-corrosion Pigment, chromium free anti-corrosive pigments protect metal when used in coil coating primers, general industrial primers, and primers for automotive and marine coatings. It is silica products are based on ion-exchanged amorphous silica and have been developed as a replacement for toxic anti-corrosive pigments like zinc chromate or strontium chromate as well as an alternative for heavy metal containing zinc phosphate based pigments.

Chemical Data

Item	SN-900	SN-910	SN-920	SN-930
Oil absorption, g/100g	80-100	60-80	55-75	55-75
Particle Size, um (Malvent , D50)	3.0-4.0	3.5-4.5	2.5-3.5	2.5-3.5
PH (5% Liquor)	7-9	5-7	6.5-8.5	8-10
Appearance	White Powder	White Powder	White Powder	White Powder

Item	SN-710	SN-730	SN-780	SN (RP)-100	SN (RP)-200	SN (RP)-500
Oil absorption, g/100g	60-80	40-60	50-70	50-70	50-70	50-70
Particle Size, um (Malvent , D50)	3.0-4.0	2.5-3.5	2.5-3.5	3.5-4.5	2.0-2.5	2.5-3.5
PH (5% Liquor)	8-10	8-10	6.5-8.5	8-10	6.5-8.5	6.5-.8.5
Appearance	White Powder	White Powder	White Powder	White Powder	White Powder	White Powder

Feature

√ Lower interaction with catalysts √ Non-toxic materials √ Good rust resistance

Application Fields

1. Home appliances
 - It is used in washing machines, refrigerators, and outdoor units of air conditioners.
2. Construct materials
Transportation and heavy-duty, equipment coatings, rail traffic.

SILICA ANTICORROSION PIGMENT

SKYSIL®

Chemical Data

Item	SN-230	SN-250
Oil absorption, g/100g	30-50	40-60
Particle Size, um (Malvent , D50)	4.5-6.5	2.5-3.5
PH (5% Liquor)	8-10	8-10
Appearance	White Powder	White Powder

Application

Coil coating home appliance, generally solvent and waterborne industrial coating,
Construct materials like water based container paint, rail traffic and so on.,
Replace modified zinc phosphate, zinc chrome, and aluminum tripolyphosphate.

Feature

√ Non-toxic materials

DISPERAL NANO ALUMINA

SKYSIL®

Description

It is a kind of high purity, highly dispersible, and synthetic boehme alumina powder. It is mainly used digital color ink-jet printing medium.

Composition

AlOOH.xH2O

Chemical Data

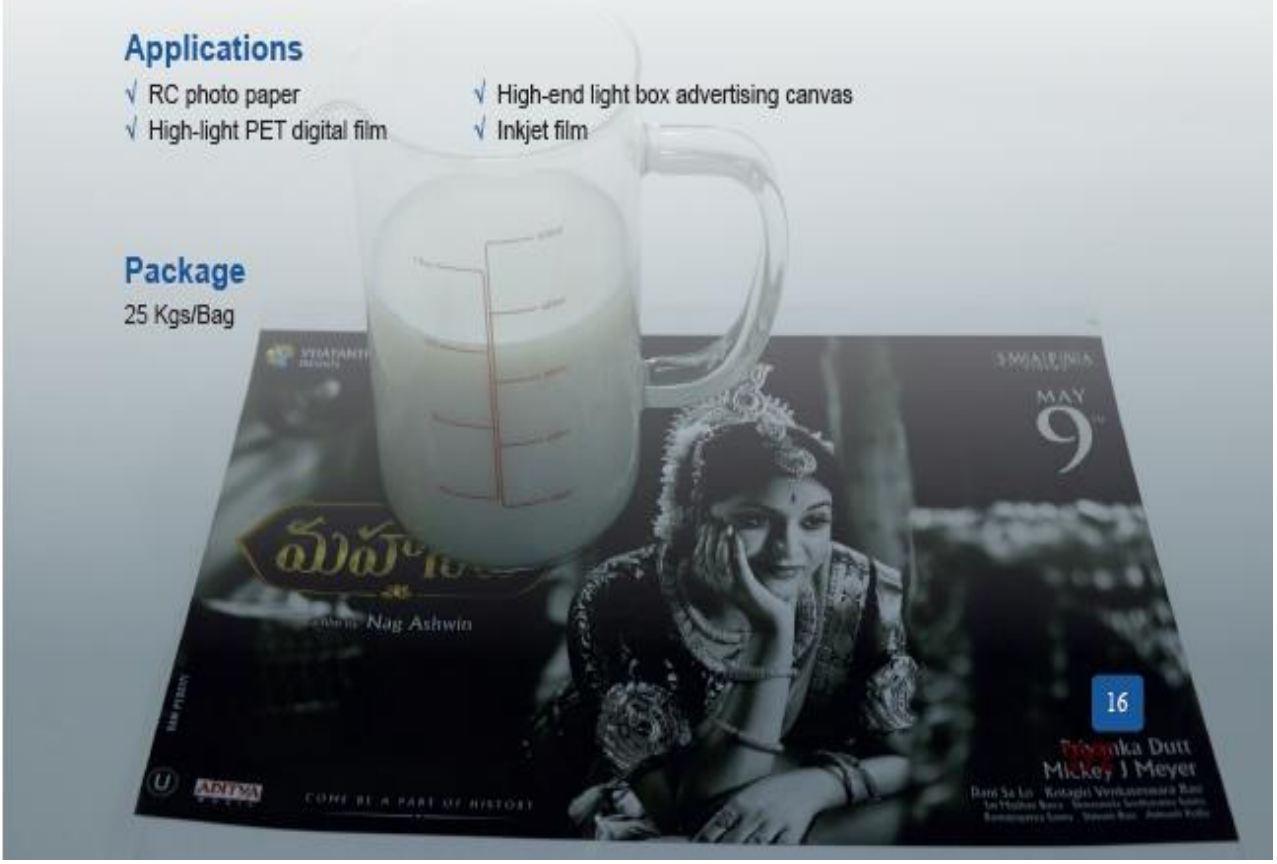
Item	M46	M47
Appearance	White Powder	White Powder
Specific Surface Area (m2/g)	140±10	140±10
Pore Volume (cm3/g)	0.82±0.02	0.82±0.02
Loss On Ignition	20% max	20% max
Mean Pore Diameter (nm)	25±1	25±1
Bulk Density (g/ml)	0.4~0.6	0.4~0.6
Crystallites Size (nm)	10~20	10~20

Applications

- √ RC photo paper
- √ High-light PET digital film
- √ High-end light box advertising canvas
- √ Inkjet film

Package

25 Kgs/Bag



FUMED ALUMINA

Description

SKYSIL S-100 is a fine-particulate, pure aluminium oxide (Al2O3) with high specific surface area and marked aggregate and agglomerate structure.

Chemical Data

Item	SKYSIL S-100
Specific Surface Area (m2/g)	100±15
PH Value	4.5-5.5
Loss on Drying@105℃ (%)	≦ 2.5
Loss on Lgnition@1000℃ (%)	≦ 3.5
Sieve Residue (%)	≦ 0.05
Tamped Density (g/l)	50-80
ALUMINA Content (%) (Based on ignited material)	≧ 99.0

Application

√ Homogenous light emission, reduce light attenuation
√ Powder coatings
√ Provide high gloss and excellent printing in photo paper
√ Plastic film

Package

10Kgs/Bag; 180Kgs/Pallet or 200Kgs/Pallet

Characteristics of SKYSIL®

A. Porosity

SKYSIL® has a sponge-like structure with different degrees of porosity that varies from low (0,7 ml/g) to high (2,0 ml/g) pore volumes.
Low pore volume grades present reduced liquids absorption capacity and therefore limited influence on viscosity. High pore volume grades are characterized by higher matting efficiency thanks to their higher volume (number of particles) per unit weight.

B. Surface Treatment

SKYSIL® grades are characterized by high specific surface area (100-400 m2/g).
Surface treatment is applied to the product in order to improve the performance in various applications. In most SKYSIL® grades an organic treatment, based on different wax types, is applied in order to meet specific needs, as for example: prevention of the formation of a hard sediment and improvement of the mechanical properties of the applied paint film

C. Particle Size

Each SKYSIL® grade has a specific and controlled particle size distribution.
The particle size is immediately relevant to the matting efficiency, smoothness and transparency of the applied paint film.
In most applications, the selection of a suitable SKYSIL® grade with a specific particle size is governed by the thickness of the applied film.

Advantages of SKYSIL®

Versatility

The wide range of pore and particle sizes available make SKYSIL® grades suitable for a wide variety of applications.

Quality and mechanical properties of the applied film

SKYSIL® grades provide smooth paint film surfaces with a high degree of transparency and consistency. SKYSIL® organic surface treatment silica improves surface slip and also benefits mechanical properties of the film.

Ease of dispersion

SKYSIL® is very easily dispersible even under critical conditions and can be added in any phase during the production cycle. However, high speed stirring equipment with suitable peripheral speed of 5 to 10 m/s and dispersion time of at least 15 to 20 minutes are recommended to get the best performance from the chosen silica grade.

Rheology

SKYSIL's special production process lead to silica with a minimal, highly controllable rheological impact allowing higher matting efficiency with optimum rheological behaviour.

Handling and Safety

SKYSIL® should be handled with care to avoid accumulation of dust. SKYSIL® is a non-crystalline amorphous silica and it is safe to humans.