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**RAW MATERIALS
for PAINT INDUSTRY**

Kalite Kimyamızda Var

Uz Kimya 1997 yılında İzmir'de kurulmuştur. Başlangıçta ana faaliyet konusu, boya sanayi için hammadde üretimi iken bugün Uz Kimya kauçuk, plastik, kompozit ve temizlik kimyasallarının da önemli hammaddelerini portföyünde bulundurmaktadır.

2013 yılından itibaren Uz Kimya demir oksit, krom sarı, molibdat oranj, antikoroziyon pigmentler gibi önemli inorganik pigmentlerin üretimine de başlamıştır.

Kurulduğu ilk günden beri Uz Kimya yüksek ürün ve servis kalitesinden ödün vermeyerek Türkiye'nin ve dünyanın konusunda öncü firmaları ile iş birliği içinde olup Ege Bölgesi'nin en önemli kimyasal hammadde distribütörlerinden biri olmuştur. 2011 yılının başında yeni depo alanları ve daha hızlı servisi ile maliyetlerde önemli avantajlar sunmaya başlamıştır.

2012 yılında kurulan kapsamlı boya kalite kontrol laboratuvar ve pigment karışım tesisi sayesinde gel pigment üretimlerine de başlamıştır. Böylelikle sunabileceği ürün çeşitliliği de önemli ölçüde artmıştır.



Quality is in Our Chemistry

Uz Kimya was established in 1997 as a chemical distribution company. Mainly focusing on production of raw materials for paint industry in the beginning, today Uz Kimya's portfolio includes important raw materials of rubber, plastics, composites, oleo cosmetics and cleaning chemicals. Since 2013, Uz Kimya has been producing important inorganic pigments such as iron oxides, chrome yellows, molybdate oranges and anticorrosive pigments.

Since the day of its establishment, Uz Kimya became one of the key raw material distributors in Aegean Region by maintaining a top level product and service quality in addition to cooperation with leading companies both in Turkey and the globe.

Today in addition to having in its stocks 90% of the raw material needs in the field of Paints and Construction Chemicals of its customers, Uz Kimya is able to provide much easier ways of supply for its customers thanks to the new products it has included in the range of products such as water and solvent based paints.

At the beginning of 2011, Uz Kimya has completed the construction and moved to its new office and warehouse in order to save customers from storage and transport costs, since the costs of delivery and service from the factory are significantly higher and every item of additional cost becomes the subject of meticulous studies. In 2012, Uz Kimya have invested in a quality control laboratory for paint industry, which enabled the company to contract production of tailor made pigments for its customers. With the additional investment in a blending facility, the company is now able to supply a wider range of pigments for various industries. With its passion to deliver its customers the best quality, Uz Kimya is hoping to grow further in all industries it is serving.

RESINS

EPOXY

▶ SOLVENT-BASED EPOXY

■ EPOXY RESIN EPX 475 X75

EPX 475 X75 Epoxy Resin Solution is a solid reaction product of epichlorohydrin and bisphenol a dissolved in xylene. Mainly apply in marine and protective coatings, coil coatings and civil engineering.

OTHER

▶ GUM ROSIN RESINS

- GUM ROSIN / INDONESIA
- GUM ROSIN / BRAZIL
- GUM ROSIN / CHINA

Gum rosin is a kind of natural resin, mainly composed of various kinds of resin acid. Since it's easily dissolved in alcohol, gasoline, turpentine and other organic dissolvent, rosin is one of the basic ingredients of paints. Rosin is also widely used in road paints.

▶ HYDROCARBON RESINS

■ PETROLEUM RESIN C9 SC 120H-6

C9 hydrocarbon resin is produced by C9 fraction by products of petroleum cracking through pretreatment, polymerization and distillation. Mainly used in paint, rubber, adhesives, ink, plastic floor tiles, modified asphalt and other industries. Color no Ga. #6 max.

■ PETROLEUM RESIN C9 SC 120H-7

C9 hydrocarbon resin is produced by C9 fraction by products of petroleum cracking through pretreatment, polymerization and distillation. Mainly used in paint, rubber, adhesives, ink, plastic floor tiles, modified asphalt and other industries. Color no Ga. #7 max.

■ PETROLEUM RESIN C9 SC 120H-9

C9 hydrocarbon resin is produced by C9 fraction by products of petroleum cracking through pretreatment, polymerization and distillation. Mainly used in paint, rubber, adhesives, ink, plastic floor tiles, modified asphalt and other industries. Color no Ga. #9 max.

■ PETROLEUM RESIN C9 SC 120H-12

C9 hydrocarbon resin is produced by C9 fraction by products of petroleum cracking through pretreatment, polymerization and distillation. Mainly used in paint, rubber, adhesives, ink, plastic floor tiles, modified asphalt and other industries. Color no Ga. #12 max.

A D D I T I V E S

ANTI SKINNING AGENT

■ METHYL ETHYL KETOXIME (MEKO)

Methyl ethyl ketoxime (MEKO) is an essential chemical used as an anti-skinning agent in paints.

RHEOLOGY AGENTS

■ BENTHIX EF1

BENTHIX EF1 is an organoclay (tetraalkyl ammonium bentonite) for solvent-based systems of low to high polarity. Mainly apply in Acrylic, Alkyd, Polyester, Road, Silica, Wooden Paint, Adhesive & Inks.

■ BENTHIX KB

BENTHIX KB is an organoclay (tetraalkyl ammonium bentonite) for solvent-based systems of low to high polarity. Mainly apply in Acrylic, Alkyd, Polyester, Road, Silica, Wooden Paint, Adhesive & Inks

■ BENTHIX 50W

50W is based on clay mines, through purified, modified and fine proceeding. Used in Emulsion paints, water-based paints, mortar, nano materials.

■ BENTHIX 70W

70W is a composited lithium-magnesium silicate. It insoluble in water but could enable water system gains expansibility and form into colorless transparent colloid. 70W could be adopted in waterbased coating as thixotropic agent, anti-sag agents and anti settling agent.

DRYERS

■ CALCIUM OCTOATE %4

Calcium 4 is a drier for coatings based on Calcium salt of saturated branched mixture acids in mineral spirit.

■ LEAD OCTOATE 24

Lead 24 is a drier for coatings based on Lead salt of saturated branched C8 acids in mineral spirit.

■ ZIRCONIUM OCTOATE %12

Zirconium 12 is a drier for coatings based on Zirconium salt of saturated branched C8 acids in mineral spirit.

■ COBALT OCTOATE %6

Cobalt 6 is a drier for coatings based on Cobalt salt of saturated branched C8 acids in mineral spirit.

■ MANGANESE OCTOATE %6

Manganese 6 is a drier for coatings based on manganese salt of saturated branched C8 acids in mineral spirit.

■ Co / Zr / Ca MIX DRIER

Mix drier based on CO / ZR / CA.

DEFOAMERS

■ MINERAL OIL BASED

Defoamer supplied in emulsion form controls the foaming tendency of surfactants in water-based emulsion paints without affecting the final film properties.

PIGMENTS & COLORANTS



INORGANIC PIGMENTS

▶ CARBON BLACK

■ CARBON BLACK 299-AT

Coloring agent as black pigment used in paint & powder coating, wood coating, ink.

▶ TITANIUM DIOXIDE

■ TITANIUM DIOXIDE R6618T

R6618(T) is a rutile titanium dioxide pigment produced by zirconium, aluminum inorganic and organic surface treated, designed to give average particle size distribution, good whiteness, high gloss, good dispersion, good hiding power and high weather resistance. Mostly recommended for paint industry.

■ TITANIUM DIOXIDE R6628

R6628 is a silicon, aluminum inorganic and organic surface treated rutile titanium dioxide, it has average particle size distribution, good whiteness, high gloss, good tinting strength, good dispersion, good hiding power and high weather resistance, widely used in powder coating, paints and ink production.

■ TITANIUM DIOXIDE R6628T

R6628T is a silicon, aluminum inorganic and organic surface treated rutile titanium dioxide, it has average particle size distribution, good whiteness, high gloss, good tinting strength, good dispersion, good hiding power and high weather resistance, widely used in water-based coating, paints and paper making.

■ TITANIUM DIOXIDE R6668

R6668 is a zirconium, aluminum inorganic and organic surface treated rutile titanium dioxide, it has average particle size distribution, blue undertone, good dispersion, high whiteness and high hiding power properties. It is especially used in color paste and sheet, tin-printing ink, coil coating, woodware paint, etc.

FUNCTIONAL FILLERS

■ CALCINED KAOLIN HOLLY 200

Holly 200 is a kind of calcined kaolin powder treated by special process. Its chemical composition is anhydrous aluminium silicate. The product can significantly improve the whiteness, smoothness, gloss and opacity, improve ink absorption and printing adaptability. It has high viscosity, good mechanical dispersion and good service life. It is widely used in paint and coatings, high grade coated paper, plastics and rubber.

■ CALCINED KAOLIN HY-Z-90

HYX-90 is a kind of fine calcined kaolin powder. Its chemical composition is anhydrous aluminium silicate. The product has suitable particle size and reasonable particle size distribution. Kaolin extender pigment imparts high opacity and good tint strength to paints and is a cost-effective extender for TiO₂. Mostly recommended for paint and coatings, paper, plastics and rubber.

■ CALCINED KAOLIN OSTAR 400

Ostar 400 is a kind of calcined kaolin powder treated by special process. Its impurity content is very low. Its chemical composition is anhydrous aluminum silicate. It can keep the sedimentation stability and storage stability of electrophoretic coatings. It is highly recommended for titanium dioxide extension. It's high brightness and high whiteness, results in whiter paints and bases that provide cleaner colors. Used in paint and coatings and wire and cable.

TUNG OIL

Tung oil is made from pressed seeds from the nut of the tung tree. It can be used as a top coat over paint or as a finishing oil, making it great for table tops, woods and screen printing ink.

LAURIC ACID

■ LAURIC ACID PALMAC 99-12

Lauric Acid is a fatty acid that finds additional uses in lubricants, paints, and as a textile processing agent. Mostly used in alkyd resin production instead of Coconut oil.

STEARIC ACID

■ STEARIC ACID PALMAC 55-16

Stearic acid is a fatty acid that used directly in some paints in the paint sector, for example in cement paints and that is indirectly in different formulations of the coating such as zinc stearates, additives, etc.

■ STEARIC ACID PALMAC 1500

Stearic acid is a fatty acid that used directly in some paints in the paint sector, for example in cement paints and that is indirectly in different formulations of the coating such as zinc stearates, additives, etc.



uz kimya

Kimyevi Madde Pazarlama

129/26 Sk. No:8 4. Sanayi Sitesi Bornova, İzmir, Turkey

+90 232 375 92 22 +90 232 375 92 95

info@uzkimya.com

www.uzkimya.com