



# Industrial Solution

Coating & Adhesive



**FENCHEM**  
Ingredient Technology



# Paint & Adhesive & Inks

## Hydrocarbon Resin

Product Type	Gardner Color #	Softening point °C	Application
C5 Aliphatic Resin Hydrogenated C5	3,4,5 0	90-115	Thermoplastic road marking paint, hotmelt adhesives, pressure sensitive adhesives,
C9 Aromatic Resin Hydrogenated C9	4-18 0	90-150	Adhesive, rubber, paints and coatings, printing inks, etc.
C5/C9 copolymer Resin	4,5	95-125	Adhesive, rubber, tire fields, etc.
DCPD Resin	0	100-130	Adhesives, rubber mixing of high-end rubber products, tires, inner tube; paints; adhesive; printing inks, etc.

## Additive

Product Name	Application
C-12 Alcohol Ester	Widely used in emulsions, adhesives and architectural coating, an ideal water-based coalescent agent, applied in situations that are difficult to form films.
C-16 Alcohol Ester	Mainly as plasticizer in plastic products and PVC production, it also used in coating industry, etc.
Diethyl toluene diamine (DETDA)	DETDA is a effective polyurethane elastomer chain expansion agent, used for casting, coating, RIM and adhesive. Mainly used in RIM polyurethane system and spray polyurethane (polyurea) elastomer coating system, with a fast reaction rate, short release time, product resistance to hydrolysis and so on.

## Nitrocellulose of TNC International from Taiwan

Product Name
Nitrocellulose damped in IPA
Nitrocellulose solution
Nitrocellulose damped in ethanol (From China Mainland)

## Cellulose Ether

Product Name	Application
Hydroxypropyl Methyl Cellulose (HPMC)	Tile adhesive, Plaster and putty, Self-leveling compound, Paint remover, Ceramic product, detergent, etc.
Methyl Hydroxyethyl Cellulose (MHEC)	Cement and gypsum drymix mortars. Wallpaper adhesives, Ceramic glaze, Latex paint, etc.
Hydroxyethyl Cellulose (HEC)	Water emulsion coating, latex paint, building materials, water-soluble ink, paint remover, etc.
Ethyl Cellulose (EC)	Printing inks, fabric coatings, strippable coatings, etc.

# Powder Coating

## Polyester Resin

Product Name	Application
Hybrid polyester resin	Indoor and outdoor powder coatings, such as appliances, electrical equipment, electrical products, transformer, goods shelf and file cabinet, building supplies, profiles, security doors, garden guardrail and highway barrier, etc.
TGIC curing resin	
HAA curing resin	

# Pigment

## Titanium Dioxide (TiO<sub>2</sub>)

Grade Name	Product Type	Application
FM-9600 (SR2377 Dongjia)	A rutile titanium dioxide pigment produced by zirconia, alumina inorganic and organic surface treated	Interior or exterior coatings; Emulsion paints; Powder coatings; Ink; Primer paints; Rubber; Masterbatch; Plastics
FM-9503 (SR237 Dongjia)	An inorganic or organic surface treated multipurpose rutile titanium dioxide pigment	Water-base coating; Emulsion paints; Power coating
SR9000 Dongjia	A rutile multipurpose titanium dioxide pigment produced by zircon, alumina inorganic and organic surface treated	High performance coatings; Decorative paints, coatings, especially in highlight system; Industrial coatings; Auto paints, auto refinish Ink, can coatings; Marine coatings and protective

## Iron Oxide Red Pigment

Type	Purity (%)	Oil absorption (g/100g)	Tinting strength (%)	Feature
110	≥96	15-25	95-105	Synthetic inorganic pigments, Excellent light fastness, High temperature, acid, alkali and rust resistant, Good dispersibility, tinting strength and hiding power
120				
130				
190				

## Iron Oxide Yellow Pigment

Type	Purity (%)	Oil absorption (g/100g)	Tinting strength (%)	Feature
2122	≥86	25-35	95-105	Synthetic inorganic pigments, Good light fastness, acid, alkali and heat resistant, Bright and pure color, Good weatherability, tinting strength and hiding power
2152				
313				
585				
810				
920				

## Iron Oxide Black Pigment

Type	Purity (%)	Oil absorption (g/100g)	Tinting strength (%)	Feature
318	≥90	15-25	95-105	Synthetic inorganic pigments, Good alkali resistant, Mix with concrete easily, Good hiding power, tinting strength and light fastness
330				
757				
758				
770				
9330				

## Iron Oxide Brown Pigment

Type	Purity (%)	Oil absorption (g/100g)	Tinting strength (%)	Feature
610	≥90	20-30	95-105	Synthetic inorganic pigments, Mix by iron oxide yellow, red and black, Good hiding power, tinting strength, light fastness and alkali resistant
860	≥94			
868				

## Iron Oxide Orange Pigment

Type	Purity (%)	Oil absorption (g/100g)	Tinting strength (%)	Feature
960	≥88	20-30	95-105	Synthetic inorganic pigments, Mix by iron oxide yellow, red and black, Good hiding power, tinting strength, light fastness and alkali resistant



As a professional ingredient and solution provider, Fenchem has been serving the coating and construction market for several years. Fenchem focuses on know-how solutions and fast-delivery services behind the products we supply.

Also Fenchem has high-performance manufacturing plant, engineering systems and state-of-the-art R&D team with QC lab to guarantee a consistently high level of quality.



**Fenchem**

E-mail : [info@fenchem.com](mailto:info@fenchem.com)  
Web : [www.fenchem.com](http://www.fenchem.com)