



**Vinaka Chemicals**

# **VINAKA CHEMICALS**

MANUFACTURER OF HIGH-PERFORMANCE  
INDUSTRIAL AND AUTOMOTIVE PAINT



(+91) 9958-010-106



[sales@vinakachemicals.com](mailto:sales@vinakachemicals.com)



[www.vinakachemicals.com](http://www.vinakachemicals.com)



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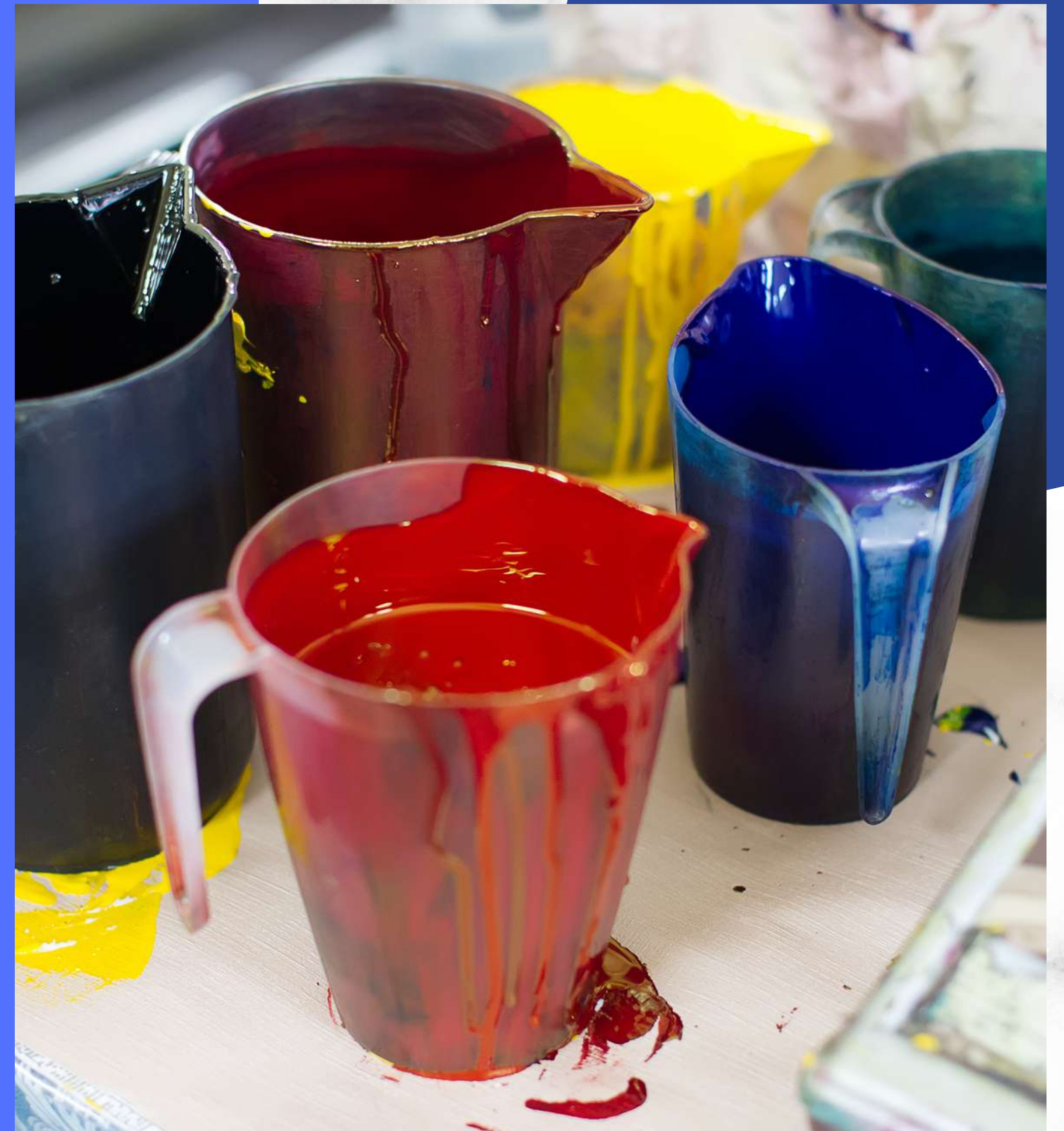
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# About Us





# ABOUT US

Established in 2019, Vinaka Paints & Chemicals is a specialty industrial coatings manufacturer. Manufacturing facilities are located in NIT Faridabad (Haryana). We strive to clearly understand our customer's needs. We build partnerships with our customers for competitive advantage.

Vinaka Paints and chemicals are managed by a team of professionals. Vinaka paints are one kind of Paint Manufacturing facility which is run with imagination and a spirit to innovate to always provide its clientele with products incorporated with the latest technological advancements and improvements in the coatings technology on a real-time basis.





# ABOUT US

Vinaka Paints & chemicals continue to innovate and deliver world-class products. Vinaka paints & chemicals have a list of clients in India. Vinaka paints & chemicals products are available for a variety of substrates including sheet metal, and multiple kinds of plastics in multiple Chemistries including solvent-based PU, TSA, Polyester, and Alkyds.

We are committed to providing the best quality products to our customers. We achieve this by using world-class manufacturing practices, continually improving the effectiveness of the quality management system, understanding customer requirements and exceeding customer expectations, complying with applicable statutory and regulatory requirements, enhancing the work environment through 5S practices, and continually upgrading the competency of all our employees through training.





# VALUES

Our core values are a representation of an enthusiastic group of people, together around a single purpose.

"I care!" defines the way we live our core values every day.

## Vision

WE DESIGN SOLUTIONS THAT PROTECT, INSPIRE AND TOUCH LIVES EVERY DAY. WE ARE COMMITTED TO PROVIDING PRODUCTS OF TOP QUALITY TO ENSURE THE UTMOST RELIABILITY.



## Mission

WE LEVERAGE SUPERIOR TECHNOLOGY TO CONTRIBUTE TO OUR CUSTOMERS AND SOCIETY, IN A SUSTAINABLE MANNER, WITH INNOVATIVE PRODUCTS AND SERVICES, THROUGH A COMPETENT WORKFORCE, BUILT ON A CULTURE OF CUSTOMER FOCUS.







# Research & Development





# Research & Development

## OUR R&D TECHNOLOGY

*Our holistic approach towards product development can be seen in our well-developed research and development wing. It helps us in achieving:*

- *Technological advancement*
- *Developing innovative production techniques*
- *Deliver product changes as per the emerging environment and technology demands*

*Our Facilities are protected by an extensive fire management system and full backup generators provide for uninterrupted production in the event of power failures. We have an In-house resin production facility to produce acrylic and alkyd resins with more than adequate capacity to fulfill our internal consumption needs, today and in the future. These resin plants allow us to create customized and cost-effective resins that in turn allow us to create optimized product formulations and assure batch-to-batch uniformity.*







# Testing & Quality Assurance





# Testing & Quality Assurance

## "QUALITY" IS THE BEST BUSINESS PLAN

*All raw material is sourced only from known well-established suppliers and undergoes long-term testing prior to use. We maintain very tight tolerances on all acceptance parameters. Each production batch undergoes testing by the Production QA group. This includes several tests, based on the chemistry and other requirements of the product being produced. Once these tests are completed the batch is handed over to the Customer Relationship Management QA team.*

*We have stringent quality control processes that assure the first-time acceptance of ~99%. Our Facilities are protected by an extensive fire management system and full backup generators provide for uninterrupted production in the event of power failures.*

*We are committed to providing the best quality products to our customers. Our expertise and products make us one of the most desirable paint manufacturers in India.*







# Health & Safety







# HEALTH & SAFETY

*AT VINAKA HEALTH & SAFETY OF OUR EMPLOYEES AND CUSTOMERS IS OF PRIME IMPORTANCE.*

**Health Risks can arise from the following:**

- **Solvents and Thinners:** These would include solvent evaporation at the time of application and during the curing period.
- **Liquid in the paints:** These would be solvents, binders, or additives that may be toxic in nature.
- **Powders or dust:** These can be formed while heating painted objects  
e.g. Flame cutting or welding painted sheet or can be present in powder form during sanding operation or in spray mist.
- Most solvents, liquid paints, and paint dust are toxic in nature and depending upon the exposure period, they may enter or affect the body through skin contact, inhalation or by ingestion.





# HEALTH & SAFETY

- All paint drums must be labelled, sealed and stored properly when not in use.
- Painting areas must be adequately ventilated.
- Forced ventilation or fresh air masks should be used in confined spaces.
- Wear goggles and proper respiration masks when mixing paints, spray painting or performing any operation where an abnormal amount of vapor or dust is formed.
- Wear appropriate gloves and clothing when handling dermatitis materials.
- Prolonged and repeated contact of paint/thinner with the skin should be avoided.
- Do not wash hands with solvent.
- If paint or thinner are accidentally swallowed, seek medical attention immediately.
- If eyes become contaminated, clean the eyes with fresh water and seek immediate medical attention.





# Industries We Served







**INFRASTRUCTURE**



**AGRICULTURE  
EQUIPMENT**



**PUMPS**



**TRUCK & BUS BODIES**



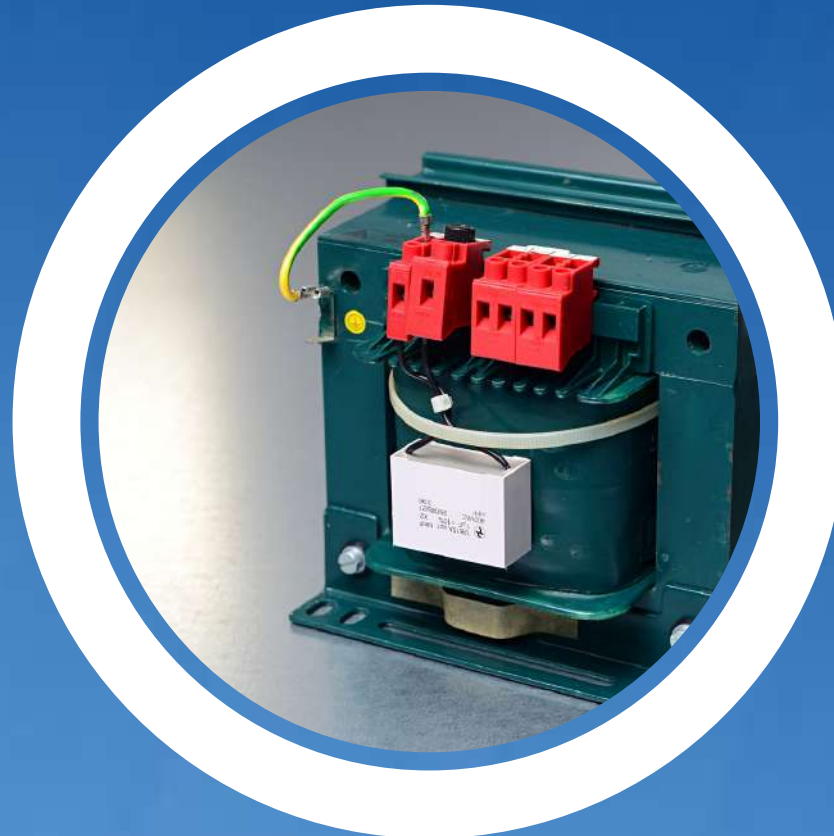
**AUTOMOBILE**



**BICYCLE**



**EARTHMOVING VEHICLE**



**TRANSFORMER**





LIGHT VEHICLE



GENERATORS



PUMPS



TRUCK & BUS BODIES



FIRE CYLINDERS



FAN INDUSTRIES



ELECTRIC VEHICLES



RIM & WHEELS



# TYPES OF INDUSTRIAL PAINT





# AUTOMOTIVE FAST DRYING FINISH

## Product Feature

Vinaka's Fast Drying Paint is a single-pack oxidatively curing alkyd coating. It is fast drying and easy to apply. This product is tintable in a wide range of colours.

## Technical Data

**Solid:** 48 to 55%

**Weight:** 1.02 to 1.14

## Dry Time

**Soft drying:** 10 -15 min

**Touch Drying:** 45min

**Recoat:** 2 to 4 hrs

**Viscosity:** 80 to 90 sec by b-5

## Application

The product can be applied by spraying and brushing on metal surfaces before removing all oil and grease with washing by fresh detergent mix water.





# EPOXY FINISH

## Product Feature

High-quality synthetic enamel paints for interior or exterior use. Exhibiting excellent durability on most timber and metal surfaces. Good resistance to heat, oil, petrol, and water when used in conjunction with a Vinaka primer.

## Technical Data

**VOC CONTENT:** 300gm/liters max

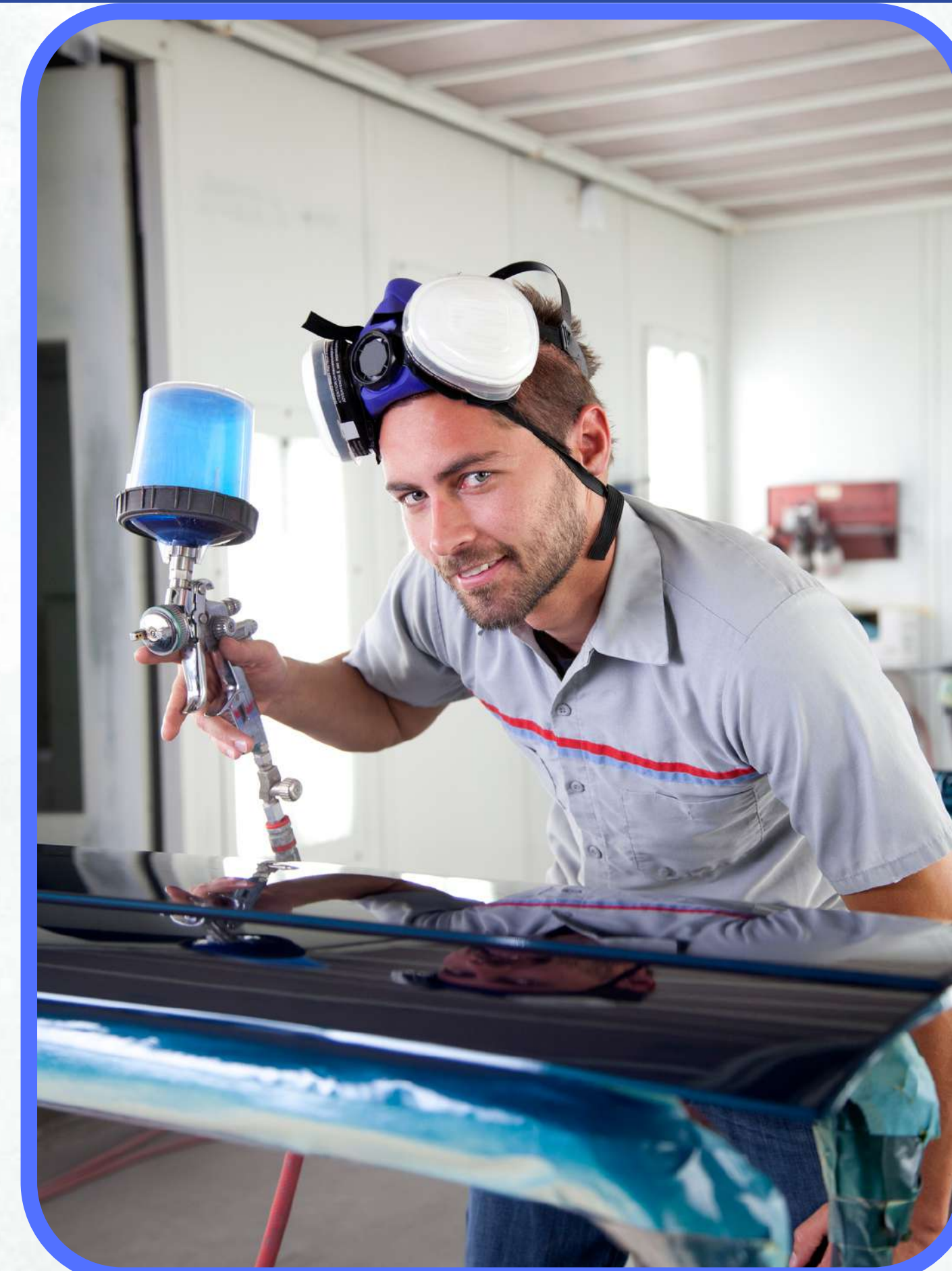
**Volume solids:** 40 to 55%

**Film thickness:** Depending on the method of application **Drying:** 30 to 45 minutes@20 oC

**Recoatable:** 3 to 4 hours@20 0c

**Coverage:** 5500 sq.20ltrs.

Covering rates are based on our own tests but could vary depending on the surface profile, porosity of the surface and method of surface of application.





# NITROCELLULOSE FINISH

## Product Feature

Vinaka N.C. paint is a glossy and matt paint based on nitrocellulose resin. It is a fast-drying top coat with excellent coverage. It is used for outdoor and indoor repair for metal or wood surface.

## Technical Data

**Density:** 1.08 to 1.12

**Viscosity:** 90 to 100 sec by b-5 ford cup

## Dry Time

**Drying Time:** 20 MIN@ 25 DEGREE CENTIGRADE

**POT LIFE:** 2 HRS

## Application

The mixing ratio of paint and n.c thinner is 1: 1

**Fluid tip:** 1.3mm

**Pressure:** 3.0 -3.5 bar/45 -50psi

2 full coats recommended by film thickness 40-50 microns 5-10 min rest between coats.





# QUICK DRYING FINISH

## Product Feature

Vinaka's QD is a high-quality quick drying gloss enamel for use on high-performance primed steel and m.s surface. Qd paint is ideal for plant and machinery, and agricultural implements.

## Technical Data

**GENERIC TYPE:** ALKYD RESIN

**GLOSS:** 90 TO 95 UNITS @ 60-DEGREE ANGLE

**DENSITY:** 1.02 TO 1.12 / 100 ML

**VISCOSITY:** 80 TO 90 SEC BY B-5 FORD CUP

**DFT:** 30 TO 35 MICRONS

**SPREAD RATE:** 15 TO 20 sq.m/ ltr

**FLASH POINT:** NOT MORE THAN 25 DEGREES CENTIGRADE

**DRYING:** SOFT DRYING - 20 MIN

**TOUCH DRYING:** 45 MIN

**HARD DRYING:** 2 HRS

## Application

**QD Spray Enamel Applied by Spray Nozzle tip ( INCH/1000):** 15 TO 19

**Pressure:** 150 BAR/ 2100PSI





# POLYURETHANE FINISH

## Product Feature

Vinaka's PU paint is a two-component air-drying acrylic resin paint. It is designed to use as a top-quality finish coat for auto refinish to be used in combination with a PU coating system. It provides very high gloss and excellent leveling properties and has a high level of gloss retention coupled with excellent uv resistance.

## Technical Data

**GLOSS:** GLOSSY (100 TO 110 UNITS@60 DEGREE)

**SOLIDS:** 48 TO 55%

**DFT:** 30 TO 35 MICRONS

**COVERING:** 20 TO 25 M.Sq/lt

**DRYING TIME:** S.D 30 MIN H.D 12 HRS

**FULL CURE:** 48 HRS

**FLASH POINT:** NOT MORE THAN 24 DEGREE

## Application

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with the help of hand.





# STOVING FINISH

## Product Feature

Vinaka's stoving paint is a high-quality stoving finish designed to provide a touch of durable finish. Available in high gloss levels benefits include excellent UV resistant. The product is suitable for a wide range of applications including steel fabrication and control panels...

## Technical Data

**Density:** 1.0 - 1.05 Viscosity: 80 to 90 sec by b-5 ford cup

**Flashpoint:** 22- 25 degree centigrade

**Stoving temp.:** 120 d/c for 30 min

**Gloss:** 95 unit @ 60 degree

**VOC:** 48 – 55 depending on color

**Self-life:** 3 years (Unopened cane)

**Pot life:** 4 hrs

## Application

Stoving enamel can be applied by conventional spray and dip process.

**Spray viscosity:** 25 -30 sec by b-4 ford cup

**Dipping viscosity:** 20 sec by b-4 ford cup





# SYNTHETIC ENAMEL FINISH

## Product Feature

High-quality synthetic enamel paints for interior or exterior use. Exhibiting excellent durability on most timber and metal surfaces. Good resistance to heat, oil, petrol, and water when used in conjunction with a Vinaka primer. OUR product makes with eco-friendly solvents and best quality synthetic resin.

## Technical Data

VOC CONTENT: 300gm/liters max

Volume solids: 40 to 55%

Film thickness: Depending on the method of application Drying: 30 to 45 minutes@20 oC

Recoatible: 3 to 4 hours@20 0c

Coverage: 5500 sq.20ltrs.

Covering rates are based on our own tests but could vary depending on surface profile, porosity of the surface and method of surface of application





# TSA STOVECOAT POLYMER BASED FINISH

## Product Feature

Vinaka TSA stovecoat is a single-pack forced-drying TSA polymer-based top coat. This is a stoving finish coat. This is an ideal protective finish for application on m.s metal surface .

## Technical Data

**FINISH:** GLOSSY/SEMI-GLOSSY/MATT

**SOLID BY VOLUME:** 45 TO 55(DEPENDING ON SHADE )

**FLASH POINT:** NOT MORE THAN 25 DEGREE

**DENSITY:** 1.04 TO 1.14/100 ML

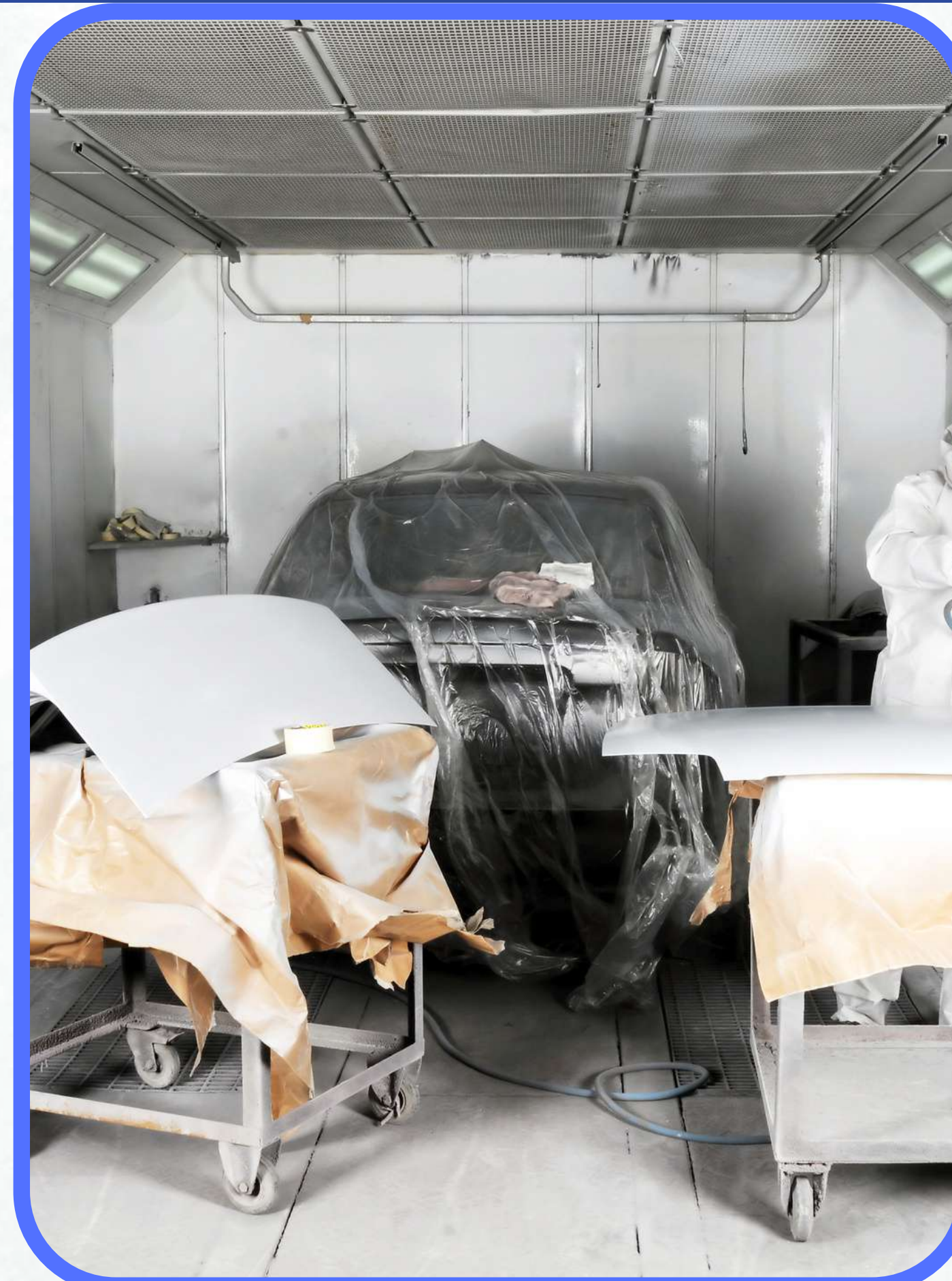
**VISCOSITY:** 60 TO 80 SEC BY B- 5 FORD CUP DRYING

**CHARACTERISTICS:** 150 DEGREE CENTIGRATE FOR 20 MIN

**SELF LIFE:** 1 YEAR (UNOPEND CANE)

## Application

Stir the base part thoroughly. Add TSA thinner mix .strain paint through nylon filter cloth of 400 mesh. Dip the substrate completely ensuring no part remains uncoated. If the application by spray **Nozzle orifice:** 1.2- 1.5 mm **Nozzle pressure:** 45 -55 psi







# Shade Card





# Vinaka Chemicals Shade Card

								
GOLDEN YELLOW 356	CANARY YELLOW 309	LIGHT STONE 361	ROYAL IVORY	BROKEN WHITE	OFF WHITE	BUS GREEN	OASIS GREEN	AIRCRAFT GREY GREEN 283
								
GOLDEN BROWN 414	DEEP ORANGE 591	LIGHT ORANGE 557	OXFORD BLUE 105	AZURE BLUE 104	ORIENTAL BLUE 174	LT. ADM. GREY 697	E. C. GREY 7035	SMOKE GREY 692
								
LEAF BROWN	GULF RED 473	POST OFFICE RED 538	SKY BLUE	PHIROJA BLUE	BAYER BLUE	AIRCRAFT GREY 693	DARK GREY 632	DARK VIOLET 796
								
SIGNAL RED 537	DARK BROWN 412	SAND STONE	LIGHT GREY 631	OLIVE GREEN 220	E. C. GREEN 6011	METALIC BLUE	METALIC BROWN	METALIC BLACK
								
BEIGE 388	PALE CREAM 352	APPLE GREEN 281	OPALINE GREEN 275	WATER GREEN	METALIC GREY	METALIC SILVER		

ALSO AVAILABLE IN BLACK AND WHITE

ADDITIONAL SHADES CAN BE OFFERED  
ON SPECIFIC REQUEST

SHADES SHOWN ARE  
FOR INDICATION PURPOSE ONLY



# CONTACT US

 (+91) 9958-010-106

 [sales@vinakachemicals.com](mailto:sales@vinakachemicals.com)

 [www.vinakachemicals.com](http://www.vinakachemicals.com)

 Plot No. 1, Gandhi Colony, Opposite  
Old Faridabad Railway Station,  
Faridabad, Haryana 121001







**THANK YOU**