



Paint, Resin and additive producer



Company profile

Syntive is a pioneer producer of liquid coatings, resins, and additives. Our company provides a comprehensive range of products including alkyds, acrylics, polyesters, polyurethane, powder coating additives, solvent and monomer-free paste for thermoset resin coloration application.

In addition, our products are used in multiple end-user segments including Epoxy, Polyurethane and Corian floor coatings.

Alkyd Resins

Product	Type of resin	Type of Oil	Oil content (%)	Solid content (%)	Type of Polyol	Solvent Composition	Acid Value	Viscosity Gardner @25 °C	Color Gardner	Performance	Suggested Uses
Syn310	Long oil	Soya fatty acid	57	60 and 70 are available	Penta/ Glycerin	White Spirit	6-10	300-450 at 70%	Max 6	Good adhesion, High gloss, Brush ability & good leveling	Interior & exterior house paints, Varnish and etc.
Syn320	Long oil	Soya fatty acid	55	60 and 70 are available	Penta/ Glycerin	White Spirit	8-12	800-1600 at 70%	Max 6	Excellent Adhesion & hardness, high Viscosity, High gloss & gloss retention.	Interior & exterior house paints, High viscosity paints and Varnish and etc.
Syn330	Long oil	Soya fatty acid	58	60 and 70 are available	Penta	White Spirit	6-10	60-130 at 60%	Max 6	Brush ability & leveling, yellowing resistance properties, High gloss & gloss retention, good exterior durability	Interior & exterior house paints, Non yellowing medium viscosity paints, varnishes and etc
Syn340	Long oil	Soya fatty acid	55	70	Penta/ Glycerin	White Spirit	6-10	3000-3800	Max 3	Brush ability, Gloss retention, Very good adhesion & hardness, good exterior durability	Interior & exterior house paints, High viscosity paints, varnishes and etc
Syn350	Medium oil	Soya fatty acid	44	60	Penta/ Glycerin	White Spirit & Xylene	8-12	600-900	Max 5	High gloss and gloss retain, good yellowing resistant, Brush ability & leveling,	General purpose for gloss, Car repair finishes, Machinery Coatings and air drying application.
Syn360	Short oil	Soya fatty acid	32	60	Penta/ Glycerin	Xylene	12-22	600-900	Max 6	Extremely fast drying, Very Good weathering performance, Good abrasion resistance, Very good adhesion on metals	Very good weathering performance, Corrosion resistance coatings, applicable on difficult metals like galvanized steel and aluminum without wash primer
Syn370	Short oil	Soya fatty acid	30	60	Penta/ Glycerin	Xylene	6-10	110-140	Max3	Good weathering performance, Very good adhesion	Corrosion resistance coatings
Syn380	Short oil	Coconut	31	60	Penta/ Glycerin	Xylene	6-10	70-110	Max2	High gloss, weathering resistant	Compatible with soya short oil, Urea formaldehyde, and melamine formaldehyde

Unsaturated Polyester Resins

Product	Solid content (%)	Solvent Composition	Gel Time (Min)	Cure Time (Min)	Peak Exothermic (°C)	Acid Value	Viscosity Gardner @25 °C	Color Gardner	Performance	Suggested Uses
Syn410	60±2	Styrene monomer	10-14 at 25 °c	30-40 at 25 °c	150	30-38	1.5-4	Max 3	High chemical resistance, Rigid films, Good curing properties, very good mechanical properties, low viscosity and very good wettability.	Glass fiber laminates for general purpose applications, manufacture sheets such as polyester based stone, Binder for highly incorporated fillers. Polyester pigment pastes, and sculpture.

Thermoplastic Acrylic Resins

Product	Solid content (%)	Type of Solvent	Acid value	Viscosity Gardner (25 °C)	Color Gardner	Glass transition temperature (Tg)	Performance	Suggested Uses
Syn122 Acrylic-styrene resin	60±1	Toluene	6-10	120-160	1	40	Fast drying - Very good adhesion on asphalt, metals, concrete and stones- Very good abrasion and humidity resistance - good exterior and interior properties. Good durability and flexibility	Traffic marking paints, transparent lacquer for facades, swimming - pools and etc. Recommended for cold and moderate regions
Syn124 Acrylic-styrene resin	60±1	Toluene	6-10	130-180	1	64	Very good adhesion on asphalt, metals, concrete and stones Very good abrasion and humidity resistance - Good exterior and interior properties. Good durability and flexibility	Traffic marking paints, transparent Moderate quality lacquer for facades, swimming – pools, furniture and etc. Recommended for tropical regions
Syn125 Acrylic resin	60±1	Toluene	5-7	150-210	1	40	Fast drying, Excellent adhesion on asphalt, metals, concrete and stones, Excellent abrasion and humidity resistance –High gloss- Very Good exterior and interior Durability and stability, yellowing resistance properties	High quality traffic marking paints, High quality lacquer and coats for facades, swimming – pools, furniture and etc. Recommended for cold and moderate regions
Syn127 Acrylic resin	60±1	Toluene	5-7	150-250	1	64	Fast drying, Excellent adhesion on asphalt, metals, concrete and stones, Excellent abrasion and humidity resistance –High gloss- Very Good exterior and interior Durability and stability, yellowing resistance properties	High quality traffic marking paints, High quality lacquer and coats for facades, swimming – pools, furniture and etc. Recommended for tropical regions

Acrylic Polyol Resins

Product	Solid content (%)	Type of Solvent	Acid value	Viscosity Gardner @25 °C	Color Gardner	Hydroxyl content % (per solid)	Performance	Suggested Uses
Syn205	60 and 50 are available	Xylene	4-6	200-300 At 60%	Max 2	1.8	Fast drying, Very good durability and weathering resistance, hardness and chemical resistance, good mechanical and adhesion properties.	Car repair top coat-Machine lacquers-Protective
Syn210	60 and 50 are available	Xylene	4-6	200-300 At 60%	Max 2	2.7	Good chemical resistance and adhesion - Very good glossy properties-Very good flexibility and UV resistance	Car repair top coats, metals, industrial, corrosion protection and marine coatings.
Syn212	60 and 50 are available	Xylene	4-6	180-270 At 60%	Max 2	3.6	Very Good chemical resistance and adhesion - High gloss - Very good UV resistance-good flexibility properties - Excellent out door durability and chemical resistance.	Formulated for Automotive refinishing (top coat and clear coats), Primer wood, corrosion protection and various plastics coatings.
Syn216	60 and 50 are available	Xylene	4-6	160-250 at 60%	Max 2	4.5	Excellent chemical resistance, Adhesion, Leveling properties-High gloss - Very good flexibility and UV resistance	High quality Automotive refinishing (top coat and clear coats), High quality paint for industry application, Top-Coats for marine coatings
Syn2018	60 and 50 are available	Xylene and Solvesso 100	4-6	50-80 at 60%	Max2	4.9	Excellent chemical resistance, Adhesion, Leveling	High quality and low viscosity Automotive refinishing (top coat and clear coats), High quality paint for industry applicatio
							Low viscosity coatings	



Paints:

Acrylic pigment paste

Solvent and monomer-free

Acrylic-based pigment pastes utilize for coloration of thermoset resin, for instance, unsaturated polyester resin, epoxy, vinyl ester, polyurethane and so on. These pastes are available in a wide range of colors based on acrylic resins containing pigments dispersed to the resins which known as pigment pastes and have compatibility with mentioned polymers. Furthermore, these types of pasts can surface smoothness, flexibility, and stability.

Floor coatings:

Epoxy:

Epoxy floor coatings are durable paint that commonly applied for floors such as commercial and industrial flooring. Epoxy coatings are prepared by the combination of epoxy resin and polyamine hardener. Epoxy coatings are generally applied over concrete floors to provide a high-performance, smooth, and durable surface. It should be noted that the epoxy floor coating must be used for indoor applications.

- Resists oil stains and water

- Durable and easy to clean

- Creates a shiny high-gloss surface

- Ideal for warehouses and industrial applications

- Prevents wear and tear on existing concrete floors

Polyurethane:

Polyurethane floor coatings are durable paints suitable for commercial, industrial, car parking, floors in decks, and pedestrian areas. It is also an appropriate covering for floors in food manufacturing that are exposed to organic acids.

One major advantage this coating has compared to epoxy floor coatings is that it is Uv resistant coating and applicable for outdoor floor coating.

- Excellent indoor and outdoor performance

- Resists oil stains and water, acids and bases

- UV resistant and water barrier properties

Corian:

Although typically epoxies and polyurethanes are of the most popular floor coatings for commercial and industrial sites, Corian floor coating is one of the best choices for commercial and industrial flooring. The advantages of Corian floor coatings are applicable indoors and outdoors due to its performance against scratch, impact, and abrasion and high water and oil resistance properties.

- ☒ Excellent indoor and outdoor performance
- ☒ UV resistant and water barrier properties
- ☒ Excellent impact and abrasion properties

Leveling agent additive for powder coatings PT-120

PT-120 is a flow and leveling additive specially developed for powder coatings. The incorporating 1- 1.5% of PT-120 into total powder coatings formulation can be decreased craters, pinholes and fisheyes. This product recommended for powder coatings based on epoxides, polyester/epoxide, polyester, polyurethane, and acrylate

Typical Properties

Physical state	White powder
Chemical stability	Stable under normal conditions of use
odor	Slight
Solubility	Insoluble in water



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