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ACRYLIC RESINS

Product Code	Type	Type of Functionality	Colour	% NVM	Viscosity in poises at 25°C on BF Viscometer	Acid Value Max	Hydroxyl Value	Suggested Uses
9620	Acrylic Polyol	Hydroxyl	Water White	54-58	25-35	5	45-55	It is hydroxyl functional acrylic resin recommended for formulation, which are crosslink at room temperature with Poly-Isocynate. Stoichiometric mixing ratios are recommended to obtain optimum performance. It can be use for Wood, Metal and Plastic Coating as clear lacquer or pigmented coating. 9680 is more flexible than 9620
9680	Acrylic Polyol	Hydroxyl	Water White	58-62	30-50	5	65-75	
9001	Acrylic Polyol	Hydroxyl	Water White	58-62	35-55	8	85-90	It is hydroxyl functional acrylic resin recommended for two-component Isocynate cured system. It is particularly recommended where excellent exterior durability and fast drying is required. Stoichiometric mixing ratios are important for optimum performance. It can be use for Wood, Metal and Plastic Coating as clear lacquer or pigmented coating.
9232	Acrylic Polyol	Hydroxyl	Water White	58-62	Reduction Viscosity at 40% Solid in FC B4 @ 30°C (100 gm Resin + 50 gm Butyl Acetate) 50-65	15	75-80	It is hydroxyl functional Thermosetting Acrylic Resin developed for stoving system for autobody paints & lacquers. It should be mixed with amino resins. Recommended ratios are 70:30 or 80:20 on solid basis, cooked at 120°C for half an hr. It has good compatibility with CAB, so it can be used in air-drying system in combination with CAB.
9065	Acrylic Polyol	Hydroxyl	Water White	63-67	Reduction Viscosity @ 30°C (100 gm Resin + 50 gm Butyl Acetate) 55-70	10-15	74-78	It is hydroxyl functional Acrylic Resin. It can be used for auto finishes, in particular for metallic, especially for metallic base coats. It can be combined with amino resin for stoving application with good outdoor stability and colour retention.
9653	Acrylic Polyol	Hydroxyl	Water White	51-55	Viscosity as such @25°C in BF – 55-75	8 Max	58-62	It is hydroxyl functional Acrylic Resin. It can be used for high quality two – pack clear lcquers for wood and furniture coatings. It is having good adhesion to aluminium and plastic.

Product Code	Type	Type of Functionality	Colour	% NVM	Viscosity	Acid Value Max	Hydroxyl Value	Suggested Uses
9753	Acrylic Polyol	Hydroxyl	Water White	51-55	Viscosity as such @25°C in BF – 60-100	8 Max	62-66	It is hydroxyl functional Acrylic Resin. It can be used for high quality two – pack clear lcquers for wood and furniture coatings.
8750	Thermo plastic Acrylic		Water White	48-52	50-70	10		It is Thermoplastic Acrylic copolymer possessing the excellent gloss and good adhesion to plastic, wood, metal and fabrics and it can be used in Paver Coating application. It can be used in clear lacquer for gloss enhancement.
8760	Thermo plastic Acrylic		Water White	58-62	@25°C as Such G.T – 200-300 Sec	10		It is Thermoplastic Acrylic copolymer possessing the excellent gloss and good adhesion to plastic, wood, metal and fabrics and it can be used in Paver Coating application. It can be used in clear lacquer for gloss enhancement.

POLYESTER RESIN

Product Code	Colour	% NVM	Volatiles	Acid Value Max	Viscosity at 25°C as such in BF Viscometer	Suggested Uses
8180	1 Max on Gardner Scale	78-82	Butyl Acetate	5	40-60 Poise	It is saturated polyester resin in Butyl Acetate. It is highly branched, hydroxyl-bearing polyester in formulation in two-component PU Coatings. It is compatible with most polyesters and with Desmodur L75 & N75. When combined with L75 or N75, Polyester Resin 8180 yields hard and chemical resistance films. The coatings are also characterized by their high impact strength, toughness and resistance to abrasion, It yields floor coatings with high resistant to abrasion.

ACRYLATED ALKYD

Product Code	Type of Oil	Oil Length	% NVM	Volatiles	Acid Value Max	Viscosity at 25°C in BF Viscometer	Suggested Uses
2151	SOFA	30	48-52	Mix Xylene	10	10-20 Poise	It is **ACRYLIC MODIFIED** oxidising Alkyd. It is specially recommended for use in quick drying industrial paints. It can also be used for modifying other resin to get better performance. It can also recommend for fast drying paint for wood. For getting good flexible film 2-5% plasticizer can be added without affecting the drying time

SHORT OIL NON-DRYING ALKYDS

Product Code	Type of Oil	Oil Length	Type of Polyol	% NVM	Volatiles	Acid Value Max	Viscosity at 30°C in seconds (Ford cup No. B4)	Suggested Uses
4130	Coconut	30	Glycerol	68-72	Mix Xylene	25	145±15 (50% in Xylene)	NC finishes as plasticizing alkyd. NC Lacquer, Clear Lacquer. It is highly recommended for making sanding sealer in combination with NC.

AIR DRYING CHAIN-STOPPED ALKYDS

Product Code	Fatty Acid	Oil Length	Type of Polyol	% NVM	Volatiles	Acid Value Max	Viscosity	Suggested Uses
3037	Soya	35	Penta	68-72	Mix Xylene	25	Viscosity at 30°C in seconds (Ford cup No. B4) 120±20 (50% in Xylene)	Heavy-duty primers, Automotive refinishes having excellent recoatability. Can be used in combination with Butylated / Isobutylated / Urea formaldehyde resin in presence of Acid for wood coating application as clear varnish or pigmented coat.
3037	Soya	35	Penta	58-62	Mix Xylene	25	Viscosity at 30°C in seconds (Ford cup No. B4) 120±20 (50% in Xylene)	Heavy-duty primers,Automotive refinishes having excellent recoatability. Can be used in combination with Butylated / Isobutylated / Urea formaldehyde resin in presence of Acid for wood coating application as clear varnish or pigmented coat.
3030	Soya	30	Penta	68-72	Mix Xylene	20	Viscosity at 25°C in poise (of 55% Resin Soln. in Xylene) 10-20 Poise	It is suitable for fast drying application having good film hardness and gloss. It can be use in heavy duty primers and automotive refinishes having excellent recoatability. It can be use in stoving finishes with less quantity (5-10%) of MF & UF resins also and also can be used in 2-pack PU System with Polyisocyanate like Desmodur N-75.

PU ALKYD

Product Code	Type of Fatty Acid	Oil Length	Type of modification	% NVM	Volatiles	Acid Value Max	Viscosity at 30°C in seconds (Ford cup No. B4)	Suggested Uses
3051	Soya	49	Isocynate	63-67	IND SOLVENT	12	100±20 (50% in MTO)	It is urethane-modified alkyd resin suitable for fast drying turpentine thinnable coatings, which find application as clear or pigmented wood coatings having good stain resistance
3001	Soya	49	Isocynate	63-67	BPCL MTO	12	100±20 (50% in MTO)	It is urethane-modified alkyd resin suitable for fast drying turpentine thinnable coatings, which find application as clear or pigmented wood coatings having good stain resistance

MEDIUM OIL ALKYDS

Product Code	Type of Oil	Oil Length	Type of Polyol	% NVM	Volatiles	Acid Value Max	Viscosity at 30°C in seconds (Ford cup No. B4)	Suggested Uses
2153	Mixed Fatty Acid	45	Glycerol	48-52	IND SOLVENT	25	140+-20 (40% in MTO)	Low cost air drying and air drying/stoving primers and enamels

MODIFIED ALKYDS

Product Code	Type of Oil	Oil Length	Type of modification	% NVM	Volatiles	Acid Value Max	Viscosity at 30°C in seconds (Ford cup No. B4)	Suggested Uses
1543	Linseed	42	Rosin	48-52	IND SOLVENT	25	140±20 (40% in MTO)	Low cost air drying and air drying/stoving primers and enamels
2543	DCO	42	Rosin	48-52	IND SOLVENT	25	140±20 (40% in MTO)	
1547	Linseed	42	Rosin	68-72	IND SOLVENT	25	100-150 (40% in MTO)	
2547	DCO	42	Rosin	68-72	IND SOLVENT	25	100-150 (40% in MTO)	

LONG OIL ALKYDS

Product Code	Type of Oil	Oil Length	Type of Polyol	% NVM	Volatiles	Acid Value Max	Viscosity at 30°C in seconds (Ford cup No. B4)	Suggested Uses
1062	Linseed	60	Penta	98-100	-	12	30±5 (50% in MTO)	Printing inks of Heatset quality
1063	Linseed	60	Penta	98-100	-	12	50±10 (50% in MTO)	High Gloss enamels printing inks and silkscreen inks
1064	Linseed	60	Penta	98-100	-	12	105±15 (in 50% MTO)	Primer Undercoats, Printing inks, Insulating Varnishes, First quality enamels
1066	Linseed	60	Penta	58-62	IND SOLVENT	12	110±10 (50% in MTO)	First quality enamels, glossy varnishes, R.C. enamels & lacquers
1067	Linseed	60	Penta	68-72	IND SOLVENT	12	110±10 (50% in MTO)	First quality enamels, glossy varnishes, R.C. enamels & lacquers
3060	Soya	60	Penta	98-100	-	12	105±15 (50% in MTO)	High quality non-yellowing synthetic enamels and roller coating having excellent ZnO tolerance & good colour retention properties
3061	Soya	60	Penta	58-62	IND SOLVENT	12	110±10 (50% in MTO)	First quality white enamels, Pastel shades, Decorative enamels, Roller coating, Coloured Lacquers & Silver Stoving Varnishes
3062	Soya	60	Penta	68-72	IND SOLVENT	12	110±10 (50% in MTO)	First quality white enamels, Pastel shades, Decorative enamels, Roller coating, Coloured Lacquers & Silver Stoving Varnishes
3063	Soya	60	Penta	98-100	-	12	30±5 (50% in MTO)	Tin Printing Inks
3066	Soya	60	Penta	58-62	IND SOLVENT	12	200±20 (50% in MTO)	First quality white enamels, Pastel shades, Decorative enamels, Roller coating, Coloured Lacquers & Silver Stoving Varnishes

ROSIN MODIFIED PHENOLIC RESIN

Product Code	Softening Point by ball and ring in °C	Acid Value Max	Viscosity at 30°C (Ford cup No. B4)	Solvent Tolerance	Colour	Suggested Uses
5002	140-150	Max. 25	35-50 (50% in TOLUENE)	1:5 Min (In MTO)	Pale Yellow	For excellent drying, weather resistance, good hardness in photo-gravure inks, letter press and offset printing inks.
5005	150-165	Max. 25	45-65 (50% in TOLUENE)	1:15 Min (In MTO)	Pale Yellow	Quick set, gloss offset inks, web offset heat set inks.
5007	150-165	Max. 25	35-55 (40% Solution in Toluene)	1:15 Min (In MTO)	Pale Yellow	High quality, quick set inks, sharp dot print with Excellent press stability for heat set inks.

ROSIN MODIFIED MALEIC RESIN

Product Code	Softening Point by ball and ring in °C	Acid Value Max	Viscosity at 30°C (of 50% Solution in Toluene in seconds (Ford cup No. B4	Solvent Tolerance	Colour of 50% Solution in Toluene	Suggested Uses
5011	125-135	Max. 25	18-22	1:3 Min (In MTO)	Pale Yellow	Compatible with alkyds and used in high gloss synthetic enamels. Recommended in general inks, letter press and offset inks for good gloss.

ESTER GUMS

Product Code	Softening Point by ball and ring in °C	Acid Value Max	Viscosity at 30°C (of 50% Solution in Toluene seconds (Ford cup No. B4	Solvent Tolerance	Colour of 50% Solution in Toluene	Suggested Uses
6001 (Penta)	95-105	Max. 15	14-16	Infinite with MTO	Pale Yellow	Aluminum paints and adhesives
6002 (Glycerine)	90-100	Max. 15	14-16	Infinite with MTO	Pale Yellow	As a tackifier in rubber based adhesives and PVC tiles. It is also used for BOPP inks.