



QUAKER COLOR
A Step Ahead...

Poseidon Urethane: Polyurethane dispersions for Leather Finishing- High performance products, that impart excellent adhesion, film toughness, flexibility, yellowing resistance, film clarity, plating properties, wet rub resistance, abrasion resistance and hot ironing resistance. Can be crosslinked to further enhance water and stain resistance.

Polyurethane Binder for Leather Finishing

Product	Base	PH / Nature	Appearance Charge	Total Solids %	Uses / Benefits
Poseidon Urethane JK-691	Aqueous Poly-urethane dispersion	7.0-10 / Very hard	Clear Liquid Anionic	34±2	Very hard, aqueous aliphatic lightfast polyurethane polymer with excellent abrasion and stain resistance. Due to its extremely high tensile strength and high gloss, it is well suited as an additive resin to improve the abrasion resistance and toughness of automotive topcoats. It imparts good film toughness, smoothness, good flexibility, excellent yellowing resistance, film clarity, plating properties, wet rub properties, hot ironing resistance and shear stability. Can be crosslinked to further enhance water and stain resistance. Suitable for use in base coat and topcoats for all types of leather finishes.
Poseidon Urethane JK-230	Aqueous Poly urethane dispersion	8.0-10 / Hard	Clear Liquid / Anionic	38±2	A very tough aliphatic lightfast polyurethane polymer with excellent adhesion and abrasion resistance, it can be crosslinked with isocyanate or aziridine based crosslinkers to further enhance water and stain resistance. Can be used as a primary binder to formulate tough and flexible topcoats with high melt points. Imparts excellent film toughness, smoothness, flexibility, yellowing resistance, film clarity, plating properties, wet rub properties and hot ironing resistance. Offers a wide balance of properties making it suitable for all types of leather finishes.
Poseidon Urethane DM-831	Aqueous Poly-urethane dispersion	7.0-9.0 / Soft	Milky Liquid / Anionic	34±2	Inherently dull, solvent free , lightfast polyurethane resin with exceptional physical properties in terms of abrasion resistance, flexibility and water resistance. Can be used in base coat or topcoat formulations to produce low gloss coatings with soft touch and good surface handle without the need for external dulling agents. Performance can be enhanced by the addition of crosslinker. Automotive topcoats prepared with Poseidon Urethane DM-831 exhibit excellent flow and surface feel properties and wet crock resistance. Suitable for all types of leather.
Poseidon Urethane JK-702	Aqueous Poly-urethane dispersion	7.0-9.0 / Soft	Clear Liquid / Anionic	38±2	Exhibits excellent water resistance, flexibility, block resistance, Taber resistance, cold crack resistance, and extensibility on soft-stretchy leather. Soft surface feel, good flow out, light and UV exposure resistance with good film formation properties. Can be crosslinked with Poseidon Linker AM-636 for improved solvent resistance and toughness. Suitable for use in topcoat finishes for upholstery and high quality leathers.

Polyurethane Binder for Leather Finishing (Continued...)

Product	Base	PH / Nature	Appearance Charge	Total Solids %	Uses / Benefits
Poseidon Urethane JK-535	Aqueous Poly-urethane dispersion	8.0-10 / Soft	Clear Liquid / Anionic	38±2	Tough water based polyurethane binder imparts excellent physical properties in terms elongation, light fastness, water resistance, toughness and scuff resistance. Due to its unique properties it can be used in base coats or topcoats to improve physical properties and hand feel. Imparts excellent film toughness, smoothness, flexibility, yellowing resistance, film clarity, embossing properties, wet rub properties and good shear stability. It can be used as a primary binder for all types of leather finishes.
Poseidon Urethane AB-90	Aqueous Poly-urethane dispersion	7.0-9.0 / Very Hard	Clear Liquid / Anionic	33±2	A very hard aqueous lightfast polyurethane polymer with excellent chemical, abrasion and stain resistance. When properly formulated Poseidon Urethane AB-90 also offers excellent gloss. Poseidon Urethane AB-90 is well suited for a variety of coating applications. Typical application is for automotive, furniture, shoe leather and leather goods. Poseidon Urethane AB-90 can be crosslinked with Poseidon Linker AM-636XL to further enhance chemical, water and stain resistance, block resistance and wear properties.
Poseidon Urethane NE-721	Aqueous Poly-urethane dispersion	7.0-9.0 / Medium hard	Clear Liquid / Anionic	33±2	Aqueous medium hard, aliphatic lightfast polyurethane polymer with excellent abrasion and stain resistance. Due to extremely high tensile strength and toughness it imparts formulating latitude, good hot ironing performance, non- yellowing, very good wet rub support, embossing properties, chemical resistance, and good block resistance. It can be crosslinked with Poseidon Linker AM-636 to further enhance performance properties. It is suitable for use in base coat and topcoats for all types of leather finishes.
Poseidon Urethane JK-233	Aqueous Poly-urethane dispersion	8.0-10.0 / Soft	Hazy Liquid / Anionic	38±2	Lightfast aliphatic polyurethane binder that can used in base coat and topcoat applications for upholstery and high quality shoe leathers. It produces tough coatings with soft handle and exceptional physical properties. Imparts soft and flexible finish with good water resistance and Taber abrasion properties. Typically it can be used in combination with acrylics to improve embossibility and scuff resistance or in topcoats as an additive binder.
Poseidon Urethane JK- 685	Aqueous Poly-urethane dispersion	7.0-9.0 / Very Soft	Hazy Liquid / Anionic	35±2	Lightfast polyurethane binder used in base coats to improve the adhesion on difficult to adhere crusts such as upholstery, garment and gloving. Imparts excellent film toughness, smoothness, flexibility, filling coverage, yellowing resistance, film clarity, plating properties, wet rub properties, good hot ironing resistance and shear stability. Can be used as a primary binder for all types of leather. In addition to the adhesion promoting properties, it can be used in dilute solution as a polishing and impregnating agent especially on full grain leathers. Due to its good water resistance properties it can be used as a feel additive in topcoat formulations. Suitable for all types of leather finishes.
Poseidon Urethane DM-832	Aqueous Poly-urethane dispersion	7.0-9.0 / Soft	Milky Liquid / Anionic	50±2	Very high solids aliphatic polyurethane binder that can be used in base or topcoat applications for upholstery leather. It is solvent free and produces tough, lightfast coatings with a soft hand feel and exceptional physical properties. Although Poseidon Urethane DM-832 is soft and flexible, it still exhibits good water resistance and Taber abrasion properties. It can also be used with Poseidon Binder and Poseidon Urethane DM-831 to improve softness and coverage of upholstery base coats.

Polyurethane Binder for Leather Finishing (Continued...)

Product	Base	PH / Nature	Appearance Charge	Total Solids %	Uses / Benefits
Poseidon Urethane DM-1010	Poly-urethane dispersion	8.0-10 / Medium Hard	Clear Liquid / Anionic	34±2	Poseidon Urethane DM-1010 is an NMP free aliphatic lightfast polyurethane binder with exceptional hydrolysis and Bally flexing properties. Poseidon Urethane DM-1010 will improve the toughness and flexibility of base coat films without adversely affecting softness. Poseidon Urethane DM-1010 has good filling and coverage characteristics and can be used alone or in combination with acrylic or polyurethane resins to produce embossable base coats and topcoats with exceptional room temperature and cold Bally flexing properties. The physical properties of Poseidon Urethane DM-1010 can be further enhanced with the addition of Poseidon Linker AM-636 .
Poseidon Urethane TK-701U	Aqueous aromatic poly-urethane dispersion	6.0-8.0 / Very Soft	Amber Liquid / Anionic	24±2	Very soft aromatic polyurethane dispersion with outstanding physical properties. Imparts excellent adhesion, high flexibility, and cold crack resistance. Due to very fine particle size and exceptional penetration it can also be used as an initial sealer coat to promote adhesion without stiffening the leather. Can be crosslinked with Poseidon Linker AM-636 to further enhance adhesion and water resistance. It can be used for an adhesion base coat for difficult to adhere leather crust surface. Suitable for all types of leather finishes.

Poseidon Urethane: Water-borne Polyurethane dispersions for Industrial Coating- High performance water-borne products that impart excellent adhesion to various substrates, with excellent film toughness, flexibility, non-yellowing resistance, water resistance, abrasion resistance, and chemical resistance. These products can be crosslinked to further enhance performance properties.

Floor Finishes:

Architectural Wood Finishes - Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Hard, high performance waterborne urethane polymer with rapid hardness development, flexibility, excellent abrasion, chemical resistance and impact resistance. Highly suitable for formulating gloss, semi gloss and matte finishes. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	32	263	26	Unique hard polymer designed to impart excellent gloss, chemical resistance, and outstanding toughness. It is compatible with acrylic resins. Suitable for formulating gloss, semi gloss and matte clear floor finishes. NMP Free version available.
Poseidon Urethane AB-30 <i>Aliphatic urethane</i>	37 ± 2	25	700	10	Unique polymer designed to impart flexibility and impact resistance to brittle polyurethane and acrylic polymers without sacrificing chemical resistance. Suitable for use as a modifying resin. NMP Free version available.

Industrial Wood Finishes- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Hard, high performance waterborne urethane polymer with rapid hardness development, flexibility, excellent abrasion, chemical resistance and impact resistance. Highly suitable for formulating gloss, semi gloss and matte finishes. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	32	263	26	Unique hard polymer designed to impart excellent gloss, chemical resistance and outstanding toughness. It is compatible with acrylic resins. Suitable for formulating gloss, semi gloss and matte topcoat finishes. It can be used in clear floor finishes. NMP Free version available.

Building & Construction (Concrete Sealer) - Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Specialty hard and flexible polymer designed to develop rapid hardness, flexibility and chemical resistance. It has excellent compatibility with hard acrylic resin binders. NMP Free version available.

Concrete Stains- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Specialty hard and flexible polymer designed to develop rapid hardening, excellent Taber abrasion, and chemical resistance. It has excellent compatibility with hard acrylic resins and polyurethane binders. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	32	263	26	Unique hard polymer designed to impart excellent abrasion resistance, gloss, chemical resistance and outstanding toughness. It is compatible with acrylic resins and polyurethane binders. NMP Free version available.

Concrete- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Hard, high performance waterborne urethane polymer with rapid hardness development, flexibility, excellent abrasion, chemical resistance, water resistance and impact resistance. Highly suitable for formulating gloss, semi gloss and matte finishes. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	32	263	26	Unique hard polymer designed to impart excellent abrasion resistance, gloss, chemical resistance and outstanding toughness. It is compatible with acrylic resins and polyurethane binders. NMP Free version available.
Poseidon Urethane AB-70 <i>Aliphatic urethane</i>	37 ± 2	20	900	-	Good water resistance, very tough and flexible, good gloss, good flow and covering. Good adhesion, imparts smooth surface with nice touch. It is compatible with acrylic resins. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.

Building & Construction (continued...)

Window Frame & Doors- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-72F <i>Aliphatic urethane</i>	32 ± 2	34	350	26	NMP Free hard polymer designed to impart excellent abrasion resistance, gloss, chemical resistance and outstanding toughness. It is compatible with acrylic resins and polyurethane binders.

Industrial Paints- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Specialty hard and flexible polymer designed to develop rapid hardness, good gloss, high covering, low dirt pickup, excellent Taber abrasion, fast drying, low odor, UV resistance, impact resistance and washability with good weather ability. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	32	263	26	Specialty hard and flexible polymer designed to develop rapid hardness, high covering, low dirt pickup, very good flow, good gloss, excellent Taber abrasion, fast drying, low odor, UV resistance, washability. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane AB-30 <i>Aliphatic urethane</i>	37 ± 2	25	700	10	Unique polymer designed to impart fast drying, excellent flexibility, low dirt pickup, excellent chemical resistance and impact resistance to hard acrylic polymers without sacrificing water resistance. It has excellent compatibility with hard acrylic resins and other additives. NMP Free version available.

Industrial Coatings: Plastic Substrates

Automotive Interior- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Surface Tension	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	34	350	18	Specialty tough and flexible polymer designed for excellent adhesion, excellent Taber abrasion, UV resistance and chemical (sun screen) resistance. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	50	263	26	Unique tough and flexible polymer designed to impart excellent gloss, chemical resistance, and outstanding toughness. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane AB-30 <i>Aliphatic urethane</i>	37 ± 2	52	700	10	Unique polymer designed to impart toughness, flexibility and UV resistance. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.

Automotive Interior (Continued....)

Product	% Total Solids	Surface Tension	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-70 <i>Aliphatic urethane</i>	37 ± 2	48	900	-	Good water resistance, very tough and flexible, good gloss, good flow and covering. Good adhesion, imparts smooth surface with nice touch. It is compatible with acrylic resins. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane ST-944 <i>Aliphatic urethane</i>	35 ± 2	26	750	13	Unique co-solvent free , low gloss, soft touch resin with excellent elongation designed to impart leather like feel and appearance to different synthetic substrates.
Poseidon Urethane ST-844 <i>Aliphatic urethane</i>	33 ± 2	26	1000	<10	Unique co-solvent free , highly flexible, low gloss, soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different paper substrates.

Coatings for Electronics- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Surface Tension	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	34	350	18	Specialty tough and flexible polymer designed to adhere to various plastics. It imparts good gloss, excellent Taber abrasion, UV resistance, impact resistance and chemical resistance. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane AB-18 <i>Aliphatic urethane</i>	35 ± 2	45	350	24	Unique hard polymer designed to impart improved adhesion, impact resistance, excellent chemical resistance and outstanding toughness. It has excellent compatibility with hard acrylic resins and polyurethane binders.
Poseidon Urethane ST-944 <i>Aliphatic urethane</i>	35 ± 2	26	750	13	Unique co-solvent free highly flexible, low gloss soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different plastic substrates.
Poseidon Urethane ST-844 <i>Aliphatic urethane</i>	33 ± 2	26	1000	<10	Unique co-solvent free , highly flexible, low gloss, soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different plastic substrates.

Coatings for Metal- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-90 <i>Aliphatic urethane</i>	32 ± 2	48	350	18	Specialty hard and flexible polymer designed to impart excellent impact, UV resistance, corrosion and chemical resistance. It has excellent compatibility with hard acrylic resins and polyurethane binders. NMP Free version available.
Poseidon Urethane AB-72 <i>Aliphatic urethane</i>	33 ± 2	32	263	26	Unique tough and flexible polymer designed to impart excellent impact, UV resistance, corrosion and chemical resistance. It has excellent compatibility with hard acrylic resins and polyurethane binders. NMP Free version available.

Coatings for Rubber- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-91 <i>Aliphatic urethane</i>	32 ± 2	12	550	14	Unique tough and very flexible polymer designed to impart good gloss, quick drying and scuff resistance. It is compatible with acrylic resins. Suitable for formulating gloss, semi gloss and matte topcoat finishes. NMP Free version available.
Poseidon Urethane AB-30 <i>Aliphatic urethane</i>	37 ± 2	25	700	10	Unique polymer designed to impart flexibility and excellent impact resistance to brittle polyurethane and acrylic polymers without sacrificing chemical resistance. It has excellent compatibility with hard acrylic resins and polyurethane binders. NMP Free version available.
Poseidon Top AT-898 <i>Aliphatic urethane</i>	30 ± 2	-	-	-	Clear high gloss, 1K, air curing formulated top coat for improving the appearance of unfinished truck bed liners. It may be applied by spray, brush or wiped on primed or conditioned truck bed liners (polyurethane or polyurea type linkers) and exhibits excellent adhesion, outstanding toughness and resistance to cleaning agents.

Paper Coatings- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Gloss at 60°	% Elongation	Taber Abrasion mg loss	Performance Attributes
Poseidon Urethane AB-83 <i>Aliphatic urethane</i>	53 ± 2	4	1100	-	Unique high solid, co-solvent free , polyurethane binder imparts excellent drape, filling, flexibility and softness with nice surface feel.
Poseidon Urethane AB-53 <i>Aliphatic urethane</i>	37 ± 2	85 - 88	850	<5	Specialty flexible urethane polymer designed to impart water resistance, toughness and good binding with smoothness. Suitable for use in finishing various paper substrates. NMP Free version available.
Poseidon Urethane AB-38 <i>Aliphatic urethane</i>	33 ± 2	0 – 2	1000	10	Unique co-solvent free , highly flexible, low gloss soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different paper substrates.
Poseidon Urethane ST-844 <i>Aliphatic urethane</i>	33 ± 2	1 - 3	1000	<10	Unique co-solvent free , highly flexible, low gloss, soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different paper substrates.
Poseidon Urethane ST-944 <i>Aliphatic urethane</i>	35 ± 2	0 – 2	750	13	Unique co-solvent free , highly flexible, low gloss soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different paper substrates.

Textile Coatings- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	pH	Performance Attributes
Poseidon Urethane AB-91 <i>Aliphatic urethane</i>	32 ± 2	12	550	3.0-5.0	Unique co-solvent free thermoplastic polyurethane binder imparts excellent stain resistance, very good drape, good abrasion, excellent UV resistance, quick drying, gloss, flexibility and softness, improves water resistance and imparts nice surface feel. NMP Free version available.
Poseidon Urethane AB-83 <i>Aliphatic urethane</i>	53 ± 2	4	1100	7.5-9.0	Unique high solid, co-solvent free , polyurethane binder imparts excellent drape, filling, flexibility and softness with nice surface feel.
Poseidon Urethane AB-70 <i>Aliphatic urethane</i>	37 ± 2	20	900	7.5-9.5	Excellent drape, excellent scuff resistance, good water resistance, flexibility and softness, imparts smooth surface with nice touch. It is compatible with acrylic resins. NMP Free version available.
Poseidon Urethane ST-844 <i>Aliphatic urethane</i>	32 ± 2	10	1000	8.0-10.0	Unique co-solvent free , highly flexible, low gloss, soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different textile substrates.
Poseidon Urethane ST-944 <i>Aliphatic urethane</i>	34 ± 2	12	750	8.5-10.0	Unique co-solvent free , highly flexible, low gloss, soft touch resin designed to impart satin like feel. Good covering, smooth surface feel with uniform look and appearance to the different textile substrates.

Synthetic Leather Finishes- Aqueous Aliphatic Urethane Dispersion

Product	% Total Solids	Sward Hardness	% Elongation	pH	Performance Attributes
Poseidon Urethane AB-91 <i>Aliphatic urethane</i>	32 ± 2	12	650	7.5-9.0	Very, tough, good hydrolytic stability and excellent UV resistance, medium hard, aliphatic lightfast polyurethane polymer with excellent abrasion and stain resistance. Due to extremely high tensile strength and toughness it imparts formulating latitude, good hot ironing performance, non-yellowing, very good wet rub resistance, good chemical and block resistance. It can be crosslinked to further enhance performance properties. It is suitable for use in base coat and topcoat for all types of synthetic leather finishes. NMP Free version available.
Poseidon Urethane AB-70 <i>Aliphatic urethane</i>	38±2	20	900	7.0-9.0	Exhibits excellent water resistance, flexibility, block resistance, taber resistance, cold crack resistance, and extensibility on soft-stretchy substrates. Soft surface feel, good flow out, light and UV exposure resistance with good film formation properties. Can be crosslinked with Poseidon Linker AM-636 for improved solvent resistance and toughness. Suitable for use in topcoat finishes for high quality synthetic leathers.
Poseidon Urethane AB-30 <i>Aliphatic urethane</i>	37 ± 2	25	700	8.0-10.0	Tough, abrasion and UV resistance with good hydrolytic stability. An aliphatic lightfast polyurethane polymer with excellent adhesion that can be crosslinked with isocyanate or aziridine based crosslinker to further enhance water and stain resistance. It can be used as a primary binder to formulate tough and flexible topcoats with high melt points. It imparts excellent film toughness, smoothness, good flexibility, excellent yellowing resistance, excellent film clarity, good plating properties, very good wet rub properties and good hot ironing resistance. It offers a wide balance of properties making it suitable for all types of synthetic leather finishes. NMP Free version available.
Poseidon Urethane AB-20 <i>Aliphatic urethane</i>	34 ± 2	14	800	8.5-10.0	Best hydrolytic stability, excellent cold flexibility, elongation and soft feel. Used to improve the toughness and flexibility of base coat films without adversely affecting softness. It has good filling and coverage characteristics and can be used to produce embossable base coats and topcoats with exceptional room temperature and cold flexing properties. The physical properties can be further enhanced with the addition of crosslinker. NMP Free.
Poseidon Urethane ST-844 <i>Aliphatic urethane</i>	32 ± 2	10	1000	7.0-9.0	Excellent hydrolytic stability, excellent flexibility and elongation with soft touch and low gloss. Inherently dull, solvent free , lightfast polyurethane resin with exceptional physical properties in terms of abrasion resistance, flexibility and water resistance. It can be used in base coat or topcoat formulations to produce low gloss coatings without the need for external dulling agents with soft touch and good surface handle. Performance can be enhanced by the addition of crosslinker. Topcoats prepared with Poseidon Urethane ST-844 exhibit excellent flow, surface feel properties and wet crock resistance. Suitable for all types of synthetic leather.
Poseidon Urethane ST-944 <i>Aliphatic urethane</i>	34 ± 2	12	750	8.0 - 10.0	Good flexibility and hydrolytic stability. Soft touch with inherently low gloss. Unique co-solvent free highly flexible, soft touch resin designed to impart satin like feel and good covering with uniform look and appearance to the different synthetic substrates.