

NAMES AND DESCRIPTIONS MARKETS												ATTRIBUTES			
		ADH	AGR	BEV	CON	FOU	5	GB	CTG	PC	TR				
Brand	Product Name & Description	Adhesives	Agriculture	Beverages	Construction	Foundry	Fruit Coating	Gum Base	Inks & Coatings	Personal Care	Tires & Rubber	Product Overview	Typical Applications		
Rosin Re	<u> </u>	: 	:				-								
Rosin De	erivatives														
Abalyn®	Abalyn® Methyl Ester of Wood Rosin	•							•	٠	•	Abalyn methyl ester of wood rosin is an amber-colored, near neutral, tacky, viscous liquid offering wide compatibility. The resin retains the reactive double bonds of rosin which may be an advantage or drawback depending upon application conditions.	Plasticizer for PSAs & HMAs; gloss component in lacquers; softener for rubber compounds; component of inks, varnishes, & asphalt.		
Pentalyn®	Pentalyn® A Resin	•							•			Pentalyn A resin is a pentaerythritol ester of wood rosin. It is a hard, pale, thermoplastic resin and has greater heat stability and an approximately 20°C higher softening point than glycerol rosin esters.	Varnish resin with soft and hard oils, checking resin to control dispersion of highly polymerized, soft drying oils in mineral spirits, linoleum cements, HMAs & coatings; tackifier for PSAs; contributes adhesion, high aliphatic solubility, gloss, solvent release in printing inks; good stability with reactive pigments and good pigment wetting in printing ink applications.		
	Pentalyn® FC Resin		•				•	•				Pentalyn FC resin is a pentaerythritol ester of maleic anhydride-modified wood rosin. It is a pale, high softening point, high acid number, thermoplastic resin that is highly soluble in alcohol and other typical organic solvents as well as in dilute aqueous solutions of alkalis, including ammonia.	Post-harvest coatings for fresh fruit; gloss and adhesion promoter in flexographic printing ink vehicles; water based inks; paper coatings, adhesives, wax emulsions, & water-reducible paints.		
Pexalyn [®]	Pexalyn® 9085 Stabilized Rosin Ester	•							•		•	Pexalyn 9085 stabilized rosin ester is a pale, thermoplastic glycerol ester of rosin produced via a special process that delivers light initial color and good product stability.	Tackifier for HMAs and PSAs; tackifier for solvent or water-based adhesive systems, including acrylics, SBR, & neoprene; resin modifier for coatings, depilatory formulations, elastomers, & waxes.		
	Pexalyn® 9100 Stabilized Rosin Ester	•									•	Pexalyn 9100 stabilized rosin ester is a hard, pale, thermoplastic pentaerythritol ester of rosin produced via a special process that delivers light initial color and excellent product stability.	Tackifier for EVA HMAs; tackifier for PSAs formulated with polar polymers & elastomers; modifier for elastomers & waxes.		
	Pexalyn® SR Stabilized Resin	•										Pexalyn® SR resin is a stabilized aromatic/aliphatic hybrid resin designed for use in adhesives. It possesses unique compatibility across a broad range of elastomeric and thermoplastic polymers. The carboxyl group functionality of Pexalyn SR resin provides specific adhesion and makes this a viable resin for curable adhesive systems.	Tackifier for hot melt adhesives where compatibility is required with copolymers exhibiting polar and nonpolar character. Tackifier for solvent-based adhesives.		
	Pexalyn® Ester 10 Resin	•				•					•	Pexalyn Ester 10 synthetic resin is a glycerol ester of partially dimerized rosin. It is a hard, pale, thermoplastic resin with a higher softening point than typical glycerol esters of wood or gum rosin, as well as improved color stability and solution properties. It is particularly effective in wax formulations to control viscosity and enhance rheological properties.	Modifier for investment casting waxes, sealing waxes, & wax-based polishes; modifier for mascara & other cosmetic products; tackifier in hot melt, solvent, & emulsion adhesives; modifier for lacquers, varnishes, & other coatings.		
	Pinova® Ester Gum 8BG Glycerol Ester of Wood Rosin			•	:							Pinova® Ester Gum 8BG, a clear, pale yellow, thermoplastic resin, is the food-grade glycerol ester of wood rosin. Ester Gum 8BG is produced from food-grade glycerol (non-animal origin) and refined wood rosin, the latter of which is extracted from pinewood.	Weighting and clouding agent for natural flavored beverages where it increases the density of the flavor oil compounds to maintain uniform suspension throughout the beverage		
Hydroge	enated Rosin Derivative	s		•			•	•	•						
Endere®	Endere® S Resin									٠		Endere S synthetic resin is a highly hydrogenated allergen-tested resin that is produced from a naturally derived rosin feedstock. It is particularly suited for use in skin-contact products. This exceptionally pale, thermoplastic resin has outstanding resistance to oxidation and discoloration caused by heat and aging.	Tackifier or modifier for medical adhesives, skin contact adhesives, cosmetics, & hair preparations; modifier for paraffin wax; depilatory waxes.		
Foral®	Foral®85 Resin	•							•	•		Foral 85 synthetic resin is the glycerol ester of highly hydrogenated wood rosin. It is an exceptionally pale thermoplastic resin that has outstanding resistance to oxidation and to discoloration caused by heat and aging.	Tackifier for acrylic adhesive systems and PSAs used for tapes, labels, medical appliances, & specialty applications; tackifier in lamination of metal foil, paper, cloth, cellophane, & cellulose acetate films.		
	Foral® 105 Resin	•								•		Foral 105 synthetic resin is a pentaerythritol ester of highly hydrogenated wood rosin and is a pale thermoplastic resin with outstanding resistance to oxidation and discoloration caused by heat and aging.	Tackifier in transparent, paper, or cloth backed pressure sensitive tape; provides adhesion in barrier coatings in solvent based, emulsion, & hot melt adhesives.		
	Foral® 3085 Resin	•									•	Foral 3085 synthetic resin is a glycerol ester of highly hydrogenated rosin. It is an exceptionally pale thermoplastic resin that has outstanding resistance to oxidation and to discoloration caused by heat and aging.	Tackifier for acrylic adhesive systems and PSAs used for tapes, labels, medical appliances, & specialty applications; tackifier in lamination of metal foil, paper, cloth, cellophane, & cellulose acetate films.		



NAMES AN	D DESCRIPTIONS	MA	RKETS	3								ATTRIBUTES			
		ADH	AGR	BEV	N00	FOU	FC	89	CTG	DC	TB				
Brand	Product Name & Description	Adhesives	Agriculture	Beverages	Construction	Foundry	Fruit Coating	Gum Base	Inks & Coatings	Personal Care	Tires & Rubber	Product Overview	Typical Applications		
Rosin Re	sins			İ		•	:		•	•	Ė				
Hydrogei	nated Rosin Derivative:	S (conti	inued)												
	Foral® AX Resin	•								•		Foral AX synthetic resin is a thermoplastic, acidic resin produced by hydrogenating wood rosin to an exceptionally high degree. It is the palest, most highly stabilized wood rosin commercially available, and its strong resistance to oxidation results in excellent color retention in a wide range of applications.	Tackifier or modifier for HMAs, PSAs & sealant formulations; protective or barrier coating modifier; wax modifier; plasticizer/modifier of natural and synthetic rubber goods.		
	Foral® DX Resin	•								•		Foral DX synthetic resin is a thermoplastic, acidic resin produced by hydrogenating rosin to an exceptionally high degree. It is one of the palest, most highly stabilized rosins commercially available.	Tackifier or modifier for HMAs, PSAs & sealant formulations; protective or barrier coatings modifier; wax modifier; plasticizer/modifier of natural and synthetic rubber goods.		
	Foral® NC Resin	•							•			Foral NC synthetic resin is the partial sodium resinate of Foral AX synthetic resin. It is characterized by light initial color, superior color stability, and crystallization resistance. It is available in pastille form and may be used in many applications in which Foral AX resin excels.	Tackifier or modifier for HMAs, PSAs & sealant formulations; protective or barrier coatings modifier; wax modifier; plasticizer/modifier of natural and synthetic rubber goods; adhesive and film former in dental varnishes and oral hygiene products.		
Hercolyn®	Hercolyn® D Methyl Ester of Hydrogenated Rosin	•						•		•		Hercolyn D methyl ester of hydrogenated rosin is an allergen-tested, light amber, liquid tackifier and plasticizer that undergoes a special steam purification treatment to assure consistent mild odor. It has marked resistance to aging and discoloration.	Carrier and fixative in fragrance compounds; component in chewing gum base to adjust hardness, plasticity, & chew characteristics; cosmetics, depilatory waxes, & other personal care products; adhesives, inks, floor tile, vinyl plastics, rubber compositions, & related applications.		
Pentalyn®	Pentalyn® H Resin	•										Pentalyn H synthetic resin is a pentaerythritol ester of partially hydrogenated wood rosin. It is a hard, pale amber, thermoplastic resin with excellent resistance to oxidation and discoloration and a good balance of adhesive and cohesive properties.	Tackifier in PSAs and HMAs needing heat, light, oxidation, & moisture resistance; tackifier for solvent-borne elastomer-based adhesives including natural rubber, neoprene, & SBR latex.		
	Pentalyn® H-A Resin	•										Pentalyn H-A synthetic resin is a pentaerythritol ester of partially hydrogenated rosin. It is a hard, pale amber, thermoplastic resin with excellent resistance to oxidation and discoloration and a good balance of adhesive and cohesive properties.	Tackifier in PSAs and HMAs needing heat, light, oxidation, & moisture resistance; tackifier for solvent-borne elastomer-based adhesives including natural rubber, neoprene & SBR latex.		
Staybelite®	Staybelite® Hydrogenated Wood Rosin	•							•			Staybelite resin is wood rosin that has been partially hydrogenated via a catalytic process. It is a pale, thermoplastic, acidic resin that is highly resistant to oxidation and discoloration and to changes in solubility characteristics.	Tackifier, plasticizer, & processing aid for polymers in adhesives and hot melt coatings; can sealing compounds, sealing waxes, optical lens pitch, & electrical cable saturants; wax modifier in paper coatings; soldering fluxes, caulking compounds, & ceramic inks.		
	Staybelite® A Hydrogenated Rosin	•							•			Staybelite A resin is gum rosin that has been partially hydrogenated via a catalytic process. It is a pale, thermoplastic, acidic resin and has similar characteristics to Staybelite hydrogenated wood rosin.	Tackifier, plasticizer, & processing aid for polymers in adhesives and hot melt coatings; can sealing compounds, sealing waxes, optical lens pitch, & electrical cable saturants; wax modifier in paper coatings; soldering fluxes, caulking compounds, & ceramic inks.		
	Staybelite® Ester 3 Resin							•		•		Staybelite Ester 3 synthetic resin is a triethylene glycol ester of partially hydrogenated wood rosin. It is an amber, viscous, balsamic liquid with the resistance to oxidation and discoloration characteristic of the Staybelite series of rosin esters.	Plasticizer and tackifier in HMAs and PSAs requiring high degrees of tack; depilatory waxes & other personal care preparations; laminating adhesives for industrial textiles; plasticizer for a wide range of film-formers.		
	Staybelite® Ester 5 Resin							•		•		Staybelite Ester 3 synthetic resin is a triethylene glycol ester of partially hydrogenated wood rosin. It is an amber, viscous, balsamic liquid with the resistance to oxidation and discoloration characteristic of the Staybelite series of rosin esters.	Plasticizer and tackifier in HMAs and PSAs requiring high degrees of tack; depilatory waxes & other personal care preparations; laminating adhesives for industrial textiles; plasticizer for a wide range of film-formers.		
	Staybelite® Ester 5-A Synthetic Resin							•		•		Staybelite Ester 5 synthetic resin is a glycerol ester of partially hydrogenated wood rosin and is specially processed for superior taste and odor characteristics. It is a pale, thermoplastic resin with excellent resistance to oxidation and discoloration.	Softener and plasticizer in chewing gum base for premium gums; cosmetics, depilatory waxes, & other personal care products; tackifier in adhesives where low odor is desired.		
	Staybelite® Ester 10 Synthetic Resin	•								•		Staybelite Ester 10 synthetic resin is a glycerol ester of partially hydrogenated wood rosin. It is a pale, thermoplastic resin with excellent resistance to oxidation and discoloration and broad compatibility and utility across a wide range of applications.	Tackifier for solvent, hot melt, and emulsion adhesives based on thermoplastic & elastomeric materials; tackifier for natural rubber, SBR, & neoprene latex in aqueous-based adhesives; tackifier for natural rubber, SBR, polyisobutylene, & methacrylate resins in industrial tapes; tackifier for surgical tape & EVA resin-based HMAs; hot melt applied barrier coatings, chlorinated rubber finishes, & various protective coating compositions; depilatory wax compounds.		



NAMES ANI	DESCRIPTIONS	MA	RKETS	3							ATTRIBUTES	
		ADH	AGR	BEV	NOO	9 5	2 8		PC	Щ		
Brand	Product Name & Description	Adhesives	Agriculture	Beverages	Construction	Foundry Exuit Cooting	Gum Base	Inks & Coatings	Personal Care	Tires & Rubber	Product Overview	Typical Applications
Rosin Re												
Hydrogei	nated Rosin Derivative	S (conti	nued)									
	Staybelite® Ester 10-A Synthetic Resin	•							•		Staybelite Ester 10-A synthetic resin is a glycerol ester of partially hydrogenated gum rosin. It is a pale, thermoplastic resin with excellent resistance to oxidation and discoloration.	Tackifier for solvent, hot melt, and emulsion adhesives based on thermoplastic & elastomeric materials; tackifier for natural rubber, SBR, & neoprene latex in aqueous-based adhesives; tackifier for natural rubber, SBR, polyisobutylene, & methacrylate resins in industrial tapes; tackifier for surgical tape & EVA resin-based HMAs; hot melt applied barrier coatings, chlorinated rubber finishes, & various protective coating compositions; depilatory wax compounds.
Specialty	/ Resins											
Belro®	Belro® Dark Wood Rosin										Belro dark wood rosin is a medium softening point, dark, thermoplastic, acidic resin obtained during the refining of wood rosin extracted from aged pine stumps.	Cost-effective chemical intermediate for esters, resinates or water-soluble soaps; wax modification for coatings & sealants; cement blocking agent for lens grinding operations; bodying and tackifying ingredient for mastic cements for tile & floor coverings.
Pexoil®	Pexoil® B Rosin Oil									•	Pexoil B rosin oil is the distillation overheads of partially hydrogenated rosin. It is a yellow to tan viscous liquid composed of rosin and decarboxylated rosin oils.	Manufacture of specialty metal working fluids; modifier of rubber when hydrocarbon oils cannot provioneeded performance.
Vinsol®	Vinsol® Ester Gum Resin	•						•			Vinsol Ester Gum synthetic resin is a glycerol ester of Vinsol resin. It is a hard, ruby red to black, high softening point, thermoplastic resin that is mostly insoluble in aliphatic hydrocarbons.	Adhesives; sealants exposed to gasoline, greases, & other aliphatic hydrocarbons; lacquers.
	Vinsol® Flaked Flaked Resin	•			•	•		•			Vinsol flaked resin is a dark reddish-brown, high melting, thermoplastic natural resin extracted from pinewood stumps and refined through a special process.	Applications including asphalt emulsions, cement, fiberboard, paperboard, composition board, foundry molds, plastics, automotive sealants, and adhesives.
	Vinsol® Pulverized Pulverized Resin	•			•	•		•			Vinsol pulverized resin is a dark reddish-brown, high melting, thermoplastic natural resin extracted from pinewood stumps, primarily Pinus palustris, and refined through a special process.	Applications including asphalt emulsions, cement, fiberboard, paperboard, composition board, foundry molds, plastics, automotive sealants, and adhesives.
	Vinsol® LQ8 Sodium Soap				•						Vinsol LO28 soap is an aqueous sodium soap solution of Vinsol resin. It is recommended as an anionic asphalt emulsifier for SS-type applications and as an air-entraining agent in concrete applications.	Asphalt emulsifier for anionic, slow setting emulsions for paving, surfacing, and sealing applications. Air entraining agent in concrete to improve freeze-thaw resistance, plasticity, workability, and resistance to scaling.
	Vinsol® NVX Resinate				•						Vinsol NVX resinate is the sodium soap of Vinsol resin. It is produced in an aqueous reaction of Vinsol resin with caustic soda (sodium hydroxide) followed by processing in a spray dryer. It is a light tan, free-flowing powder that can be easily dissolved in water without the need for neutralization.	Air entraining agent in cements, mortars, & concrete to improve strength, workability, & freeze-thaw resistance; asphalt emulsifier for anionic, slow setting emulsions for paving, surfacing & sealing applications.
Polyterpe	ene Resins			•	•							
Alpha Pii												
Piccolyte® A	Piccolyte® AO Plus Polyterpene Oligomers	•	•							•	Piccolyte AO Plus polyterpenes are low molecular weight oligomers of bicyclic terpenes derived from high-purity alpha-pinene.	Retention aid & sticker for agricultural chemicals such as pesticides & herbicides applied to crops and plants; film former & fixative agent; compatible extender for organic phase of agricultural chemicals.
	Piccolyte® A25 Pinene Polymers	•					-			•	Piccolyte A25 polyterpene resin is a low molecular weight, pale, inert resin based on high-purity alpha-pinene.	Retention aid and sticker for agricultural chemicals such as pesticides and herbicides applied to crops and plants; film former & fixative agent; PSAs with styrenated block copolymers, other rubbers, & thermoplastic polymers; lubricants based on polyisobutylene and APAOs; plasticizer.
	Piccolyte® A115 Polyterpene Resin	•								•	Piccolyte A115 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin based on high-purity alpha-pinene. It is characterized by its light color and good color stability; high gloss and gloss promotability; acid, alkali, and water resistance; and wide compatibility and solubility.	Superior tackifier for SBS and other block copolymer adhesive systems; tackifier for PSAs and HMAs; gloss promoting agent in paints, varnishes, & coatings; deterrent to moisture and corrosive effects of acids and alkalis in sealants, caulks, & rubbers; wax modifier for investment castings; modifier resin in rubber compounding.
	Piccolyte® A125 Polyterpene Resin	•								•	Piccolyte A125 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin based on high-purity alpha-pinene. It is characterized by its light color and good color stability; high gloss and gloss promotability, acid, alkali, and water resistance; and wide compatibility and solubility.	Superior tackifier for SBS and other block copolymers; tackifier for PSAs & HMAs; gloss promoting agent in paints, varnishes, & coatings; deterrent to moisture and corrosive effects of acids and alkalis in sealants, caulks, & rubbers; wax modifier for investment castings; modifier resin in rubber compounding.



NAMES AN	МА	RKETS	;						ATTRIBUTES		
		ADH	AGR	BEV	CON	Fou	2 89	CTG	PC TH		
Brand	Product Name & Description	Adhesives	Agriculture	Beverages	Construction	Foundry Fruit Coating	Gum Base	Inks & Coatings	Personal Care Tires & Rubber	Product Overview	Typical Applications
Polyterp	ene Resins										
Alpha Pi	nene (continued)										
	Piccolyte® A135 Polyterpene Resin	•							•	Piccolyte A135 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin based on high-purity alpha-pinene. It is characterized by its light color and good color stability, high gloss and gloss promotability; acid, alkali, and water resistance; and wide compatibility and solubility.	
	Piccolyte® A135 Plus Polyterpene Resin	•							•	Piccolyte A135 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin based on high-purity alpha-pinene. It is characterized by its light color and good color stability, high gloss and gloss promotability; acid, alkali, and water resistance; and wide compatibility and solubility.	Superior tackifier for SBS and other block copolymers; tackifier for specialty PSAs, HMAs, & solvent adhesives; high gloss inks, paints, varnishes & coatings; moisture and corrosion resistant adhesives and coatings.
	Pinova® Resin 2495 Polyterpene Resin	•							•	Pinova® Resin 2495 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin. Produced from high-purity alpha-pinene isolated from turpentine, it is characterized by its light color and color stability, high gloss and gloss promotability; acid, alkali, and water resistance; and wide compatibility and solubility.	Tackifier resin in pressure-sensitive and hot-melt adhesives. Gloss promoting agent in paints, varnishes, and coatings. Deterrent to moisture and corrosive effects of acids and alkalis in sealants, caulks, and rubbers. Wax modifier for investment castings. Modifier resin in rubber compounding.
Beta Pin	ene						•				
Piccolyte® S	Piccolyte® S25 Polyterpene Resin	•							٠	Piccolyte S25 polyterpene resin is a semi-solid, pale, inert, low molecular weight, thermoplastic resin produced from high purity beta-pinene. It is characterized by low odor, light color, and good color stability. Its low softening point gives it utility as a plasticizer and softener and may improve performance in low-temperature applications.	Tackifier in PSAs and HMAs, particularly those compounded with natural rubber; plasticizing resin in rubber compounding; used in combination with waxes and polybutenes in various coatings and paper-to-paper laminating.
	Piccolyte® S85 Polyterpene Resin	•							•	Piccolyte S85 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin produced from high purity beta-pinene. It is characterized by light color and good color stability, low odor, and an excellent balance of adhesive and cohesive properties.	Outstanding tackifier for natural rubber; tackifier for PSAs and HMAs; modifier resin in coatings and in rubber compounding; wax modifier for paper laminations; waterproofing agent in textile sizing applications.
	Piccolyte® S115 Polyterpene Resin	•							•	Piccolyte S115 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin produced from high purity beta-pinene. It is characterized by low odor, light color and good color stability, and an excellent balance of adhesive and cohesive properties.	Outstanding tackifier for natural rubber; tackifier for PSAs and HMAs; modifier resin in rubber compounding; wax modifier for investment castings; stiffening and waterproofing agent in textile sizing applications; SBR-based can sealants.
	Piccolyte® S125 Polyterpene Resin	•							•	Piccolyte S125 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin produced from high purity beta-pinene. It is characterized by low odor, light color and good color stability, and an excellent balance of adhesive and cohesive properties.	Outstanding tackifier for natural rubber; tackifier for PSAs and HMAs; modifier resin in rubber compounding; wax modifier for investment castings; stiffening and waterproofing agents in textile sizing applications; SBR-based can sealants.
	Piccolyte® \$135 Polyterpene Resin	•							•	Piccolyte S135 polyterpene resin is a pale, inert, low molecular weight, thermoplastic resin produced from high purity beta-pinene. It is characterized by low odor, light color and color stability, and excellent balance of adhesive and cohesive properties.	Outstanding tackifier for natural rubber; tackifier in PSAs and HMAs; modifier resin in rubber compounding; wax modifier for investment castings; stiffening and waterproofing agent in textile sizing applications; SBR-based can sealants.
d-Limon	ene										
Piccolyte® C	Piccolyte® C85 Polyterpene Resin	•					•		•	Piccolyte C85 polyterpene resin is a pale, neutral, low molecular weight, highly stable, thermoplastic resin produced from d-limonene, a natural terpene of citrus origin. It is characterized by its light color, low odor, resistance to aging, high thermal stability, and an excellent balance of adhesive and cohesive properties.	Masticatory/softening agent and plasticizer in chewing gum compositions; tackifier resin for natural and synthetic rubbers in PSAs & HMAs; modifier resin in rubber and plastics compounding; wax modifier for investment castings.
	Piccolyte® C105 Polyterpene Resin	•					•		•	Piccolyte C105 polyterpene resin is a pale, neutral, low molecular weight, highly stable thermoplastic resin produced from d-limonene, a natural terpene of citrus origin. It is characterized by its light color, low door, resistance to aging, high thermal stability, and an excellent balance of adhesive and cohesive properties.	Masticatory agent and plasticizer in chewing gum compositions; tackifier for natural and synthetic rubbers in PSAs and HMAs; modifier resin in rubber and plastics compounding; wax modifier for investment castings; modifier resin for hot melt coatings formulated with waxes and polybutenes.



NAMES AND	DESCRIPTIONS	MA	RKETS	3								ATTRIBUTES		
		Adhesives ADH	Agriculture AGR	Beverages BEV	Construction CON	Foundry F0U	Fruit Coating FC		s	Personal Care PC	Tires & Rubber			
Brand	Product Name & Description	Ă	ğ	ă	ŏ	요	Ē	ē	=	<u>~</u>	Ē	Product Overview	Typical Applications	
	ene Resins													
d-Limone	ene (continued)	,	,	,	,,									
	Piccolyte® C115 Polyterpene Resin	•						•			•	Piccolyte C115 polyterpene resin is a pale, neutral, low molecular weight, highly stable thermoplastic resin produced from d-limonene, a natural terpene of citrus origin. It is characterized by its light color, low odor, resistance to aging, high thermal stability, and an excellent balance of adhesive and cohesive properties.	Masticatory agent and plasticizer in chewing gum compositions; tackifier for natural and synthetic rubbers in PSAs & HMAs; modifier resin in rubber and plastics compounding, wax modifier for investment castings; modifier resin for hot melt coatings formulated with waxes and polybutenes.	
	Piccolyte® C125 Polyterpene Resin	•						•			•	Piccolyte C125 polyterpene resin is a pale, neutral, low molecular weight, highly stable thermoplastic resin produced from d-limonene, a natural terpene of citrus origin. It is characterized by its light color, low odor, resistance to aging, high thermal stability, and an excellent balance of adhesive and cohesive properties.	Masticatory agent and plasticizer in chewing gum compositions; tackifier for natural and synthetic rubbers in PSAs and HMAs; modifier resin in rubber and plastics compounding; wax modifier for investment castings; modifier resin for hot melt coatings formulated with waxes and polybutenes.	
	Piccolyte® C135 Polyterpene Resin	•		-		•		•			•	Piccolyte C135 polyterpene resin is a pale, neutral, low molecular weight, highly stable thermoplastic resin produced from d-limonene, a natural terpene of citrus origin. It is characterized by its light color, low odor, resistance to aging, high thermal stability, and an excellent balance of adhesive and cohesive properties.	Masticatory agent and plasticizer in chewing gum compositions; tackifier for natural and synthetic rubbers in PSAs and HMAs; modifier resin in rubber and plastics compounding; wax modifier for investment castings; modifier resin for hot melt coatings formulated with waxes and polybutenes.	
Piccolyte® D	Piccolyte® D115 Polyterpene Resin	•				•					•	Piccolyte D115 polyterpene resin is a pale, neutral, low molecular weight, highly stable, thermoplastic polyterpene resin. It is characterized by its light color, resistance to aging, high thermal stability, and excellent balance of adhesive and cohesive properties. This resin is a highly effective tackfifer for both elastomeric and thermoplastic-based adhesive systems, particularly pressure-sensitive and hot-melt types.	The product is used in diverse applications including: Tackifier resin with natural and synthetic rubbers in pressure-sensitive and hot-melt adhesives. Modifier resin in rubber and plastics compounding. Wax modifier for investment castings. Hot melt coatings formulated with waxes and polybutenes.	
Mixed Pi	nenes			-	·				-					
Piccolyte® F	Piccolyte® F105 Food Grade Polyterpene Resin							•				Piccolyte F105 FG polyterpene resin is a pale, neutral, low molecular weight, highly stable, thermoplastic resin. It is a copolymer of alpha and beta-pinene and is characterized by its light color, resistance to aging, and high thermal stability. This resin was designed as a masticatory agent and plasticizer for chewing gum applications, and it is processed to provide enhanced organoleptic performance.	Masticatory agent and plasticizer in chewing gum compositions; tacklifier for natural and synthetic rubbers in PSAs and HMAs; modifier resin in rubber and plastics compounding; wax modifier for investment castings.	
	Piccolyte® F105 Industrial Grade Polyterpene Resin for Adhesive Applications	•									•	Piccolyte F105 IG polyterpene resin is a pale, neutral, low molecular weight, highly stable, thermoplastic resin. It is a copolymer of alpha and beta-pinene and is characterized by its light color, resistance to aging, and high thermal stability. This resin affords an excellent balance of adhesive properties not achievable with traditional hydrocarbon resins.	Tackifier for natural and synthetic rubbers in PSAs and HMAs; modifier for rubber and plastics compounding (masterbatching); wax modifier for investment castings.	
	Piccolyte® F115 Food Grade Polyterpene Resin							•				Piccolyte F115 FG polyterpene resin is a pale, neutral, low molecular weight, highly stable, thermoplastic resin. It is a copolymer of alpha and beta-pinene and is characterized by its light color, resistance to aging, and high thermal stability. This resin was designed as a masticatory agent and plasticizer for chewing gum applications, and it is processed to provide enhanced organoleptic performance.	Masticatory agent and plasticizer in chewing gum compositions; tacklifier for natural and synthetic rubbers in PSAs and HMAs; modifier resin in rubber and plastics compounding; wax modifier for investment castings.	
	Piccolyte® F115 Industrial Grade Polyterpene Resin for Adhesive Applications	•		-			-	1	•		•	Piccolyte F115 IG polyterpene resin is a pale, neutral, low molecular weight, highly stable, thermoplastic resin. It is a copolymer of alpha and beta-pinene and is characterized by its light color, resistance to aging, and high thermal stability. This resin affords an excellent balance of adhesive properties not achievable with traditional hydrocarbon resins.	Tackifier for natural and synthetic rubbers in PSAs and HMAs; modifier for rubber and plastics compounding (masterbatching); wax modifier for investment castings.	