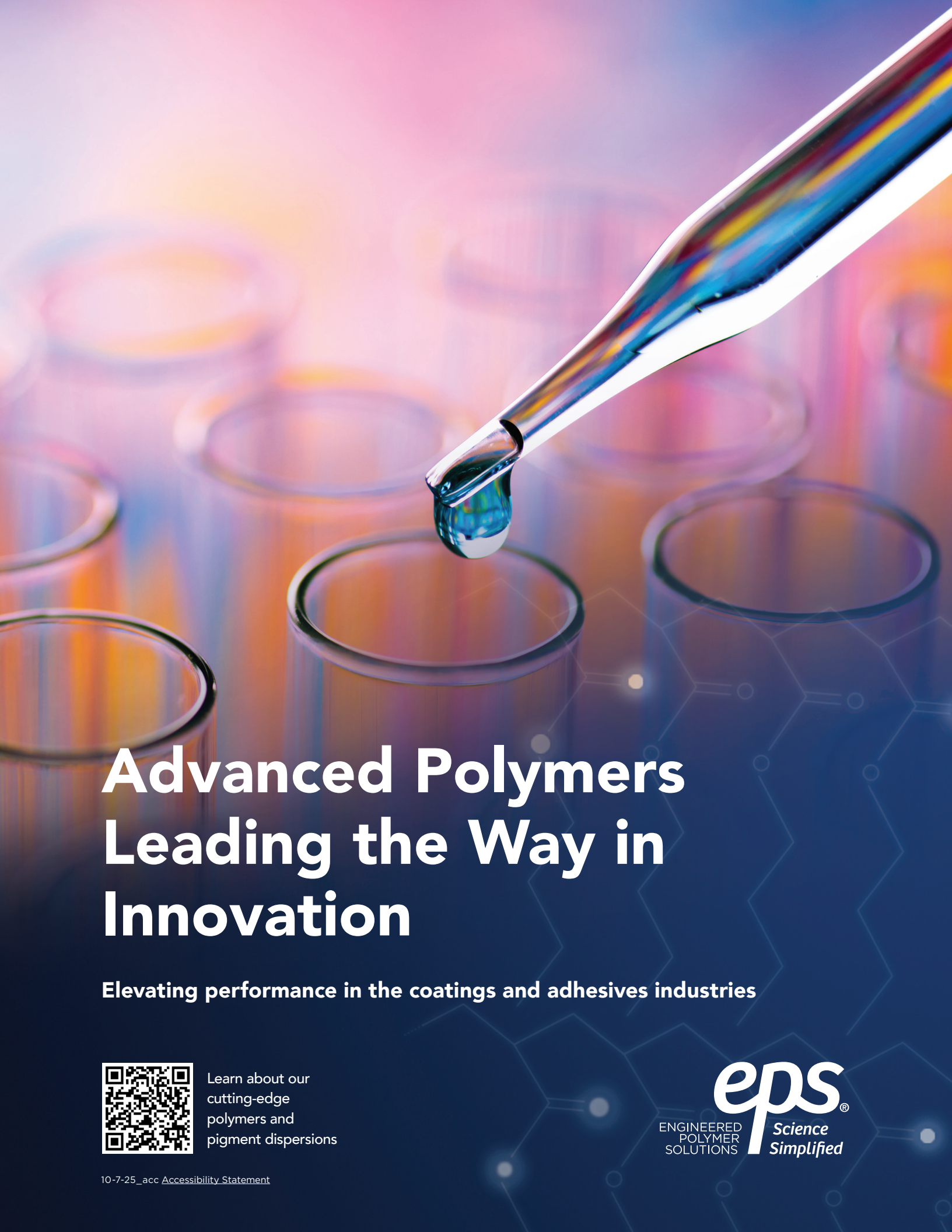




Advanced Polymers Leading the Way in Innovation

Elevating performance in the coatings and adhesives industries



Learn about our
cutting-edge
polymers and
pigment dispersions

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NEXT-GENERATION POLYMERS

Engineered Polymer Solutions (EPS) is at the forefront of delivering advanced polymers essential for formulating cutting-edge coating and adhesive technologies. Our experts are dedicated to excellence, consistently innovating and developing next-generation products that empower manufacturers to create highly successful solutions, elevating industry performance.

We provide outstanding formulation and technical support, backed by decades of exterior exposure data from test fences strategically placed across diverse climates. In Florida, we evaluate UV light resistance under hot, humid conditions. In Illinois, where the climate is marked by cold winters and humid summers, we focus on freeze-thaw cycling and grain crack resistance. In California, we measure performance in hot, dry environments with intense UV exposure, elevated temperatures, and susceptibility to dirt pickup.

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Product	Chemistry	Application						Performance			Properties		
		Permanent PSAs	Removable PSAs	Tape and Labels	Protective Marking	Vinyl Flooring Adhesive	Caulks and Sealants	Peel	Shear	Tack	Solids (%)	pH	Tg (°C)
EPS® 2121D	All-Acrylic	•	•	•				Low	High	Moderate	50	7.0-8.0	-32
EPS® 2123D	Styrenated Acrylic	•	•	•				Low	High	Moderate	52	7.0-9.0	-34
EPS® 2127D	All-Acrylic	•		•		•		High	Moderate	High	60	8.0-9.0	-45
EPS® 2133	All-Acrylic	•	•	•	•	•		Moderate	High	High	57	7.0-8.0	-34
EPS® 2156D	All-Acrylic		•	•	•			Low	High	Moderate	55	7.0-9.0	-41
EPS® 2157D	All-Acrylic		•	•	•			Moderate	High	Moderate	52	6.0-8.0	-40
EPS® 2252*	All-Acrylic	•						High	Low	High	60	8.0-9.0	-32

D = Low foaming
*Adhesion to low energy substrates





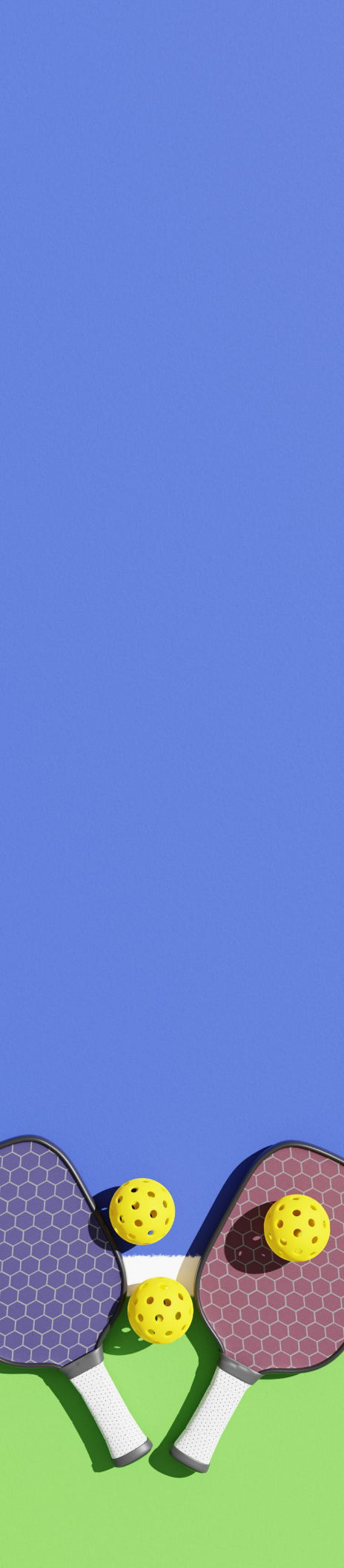
Product	Chemistry	Coating Type	Substrate						Solids (%)	PH	MFFT (°C)	
				Flat	Eggshell	Satin	Semi-Gloss	High Gloss				
EPS® 2533	Styrenated Acrylic	Primer	Concrete, Exterior Wall, Interior Wall, Masonry/ Stucco, Metal, Wood	•					45.5	7.0-8.8	9	• Interior/Exterior • Stain blocking • Water resistance
EPS® 2706	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Wood	•	•	•	•		55	8.0-8.5	4	• Interior/Exterior • High alkali stability • Abrasion resistance and adhesion
EPS® 2731	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Wood	•	•	•	•		50	8.5-9.0	15	• Interior/Exterior • Dirt pickup resistance • Color fade and efflorescence resistance on alkali substrates • Surfactant leaching resistance
EPS® 2736	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Wood	•	•	•			58.5	8.0 - 9.0	10-12	• Interior/Exterior • Dirt pickup resistance • Color retention and UV resistance • Performs well over alkaline substrates
EPS® 2746	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Wood	•	•	•	•		50	8.5-9.0	10	• Interior/Exterior • Near-zero VOC capable • Scrub resistance • Stain removal and washability
EPS® 2786	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Masonry/ Stucco, Wood				•	•	48	8.5-9.0	21	• Interior/Exterior • Near-zero VOC capable • Hardness • Dirt pickup and hot block resistance
RayVace® 331	Vinyl Acrylic	Primer	Exterior Wall, Interior Wall, Masonry/Stucco	•					60	4.0-5.0	10	• Interior • Good stability • High pigment loading
EPS® 9147	Coalescent	Specialty	-	•	•	•	•	•	>99.1	-	-	• Low VOC coalescent

All of these polymers are formulated without the use of intentionally added fluorosurfactants.

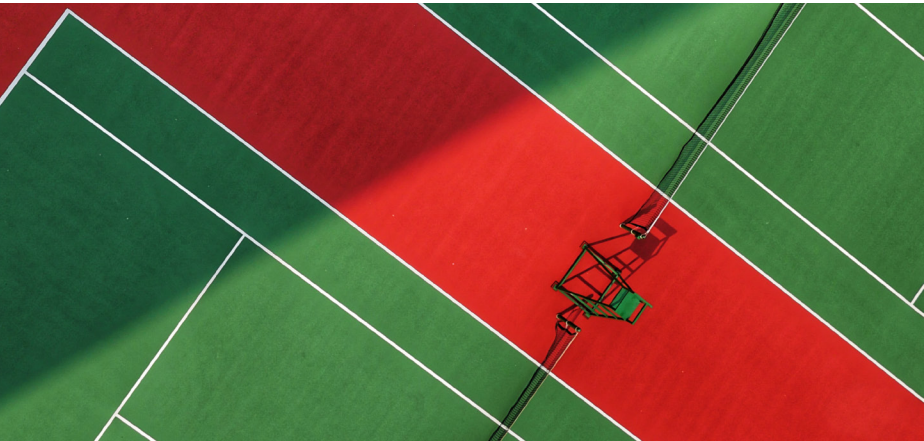




Product	Chemistry	Coating Type	Substrate	Application			Properties			Performance Benefits
				Admixtures	Concrete	Elastomeric and Roof Coatings	Solids (%)	pH	MFFT (°C)	
EPS® 2103	All-Acrylic	Basecoat, topcoat	-	●			46.5	8.5-9.5	7	• Dirt pickup resistance • Alkali stability • Flexibility • Low odor
EPS® 2210D	All-Acrylic	Topcoat	Asphalt, Concrete			●	55	7.5-8.5	-12 (Tg)	• ASTM D6083 Type II capable • Dirt pickup resistance • Asphalt bleed-through resistance • Excellent balance of tensile and elongation properties • Low foaming
EPS® 2224	All-Acrylic	Topcoat	Concrete, Masonry/Stucco, Metal, Wood			●	58	3.5-5.5	-11 (Tg)	• Dirt pickup resistance • Alkali and water resistance • Adhesion • Flexibility
EPS® 2252	All-Acrylic	Basecoat, primer	Asphalt, EPDM, Metal, TPO			●	60	8.0-9.0	-32 (Tg)	• Adhesion to TPO and EPDM • <50 g/L VOC capable
EPS® 2257	All-Acrylic	Sealer	Concrete, Masonry/Stucco		●		40	8.0-9.0	7	• Penetration • Early water resistance • Blush and yellowing resistance
EPS® 2272	Styrenated Acrylic	Sealer	Concrete		●		50	7.0-8.0	42	• Water retention properties • Blush resistance • Water resistance
EPS® 2293	All-Acrylic	Sealer, topcoat	Concrete, Masonry/Stucco, Wood		●		40	8.0-9.0	<10	• Blush and chemical resistance • Early water resistance • Exterior durability • Gloss development and retention
EPS® 2526	Styrenated Acrylic	Sealer, topcoat	Concrete, Masonry/Stucco		●		40	7.5-8.5	>60	• Hardness • Hot tire pickup resistance • Gloss and film clarity • Blush resistance
EPS® 2533	Styrenated Acrylic	Primer, topcoat	Concrete, Exterior Wall, Interior Wall, Masonry/Stucco, Metal, Wood		●		45.5	7.0-8.0	9	• Efflorescence resistance • Alkali resistance, ideal for use on “hot” cementitious substrates • Early water resistance • Exterior durability
EPS® 2559	Styrenated Acrylic	Primer, topcoat	Masonry/Stucco, Metal, Wood		●		50	7.0-8.0	44	• ASTM D7088-04 capable - resistance to hydrostatic pressure • Early water and humidity resistance • Adhesion to concrete and masonry substrates
EPS® 2708	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Wood	●	●		50	8.0-9.0	20	• High alkali stability • Abrasion resistance • Adhesion, durability and flexibility • Good balance of flexibility and hardness
EPS® 2719	All-Acrylic	Basecoat, topcoat	Asphalt, Metal			●	55	8.0-8.5	4 (Tg)	• Asphalt bleed-through resistance • Dirt pickup resistance • Adhesion • Excellent toughness with both high tensile strength and elongation
RayCryl® 1008	All-Acrylic	Primer, topcoat, sealer	Concrete		●		45	8.5-9.5	16	• Dirt pickup and water resistance • Hot tire pickup resistance • Resistant to garage and household chemicals • Blush resistance
RayFlex® 765	Styrenated Acrylic	Topcoat	Asphalt, Concrete			●	50	7.2-7.7	-26 (Tg)	• Elongation and tensile strength • Water resistance • Low temperature flexibility • Shear stability and high pigment loading



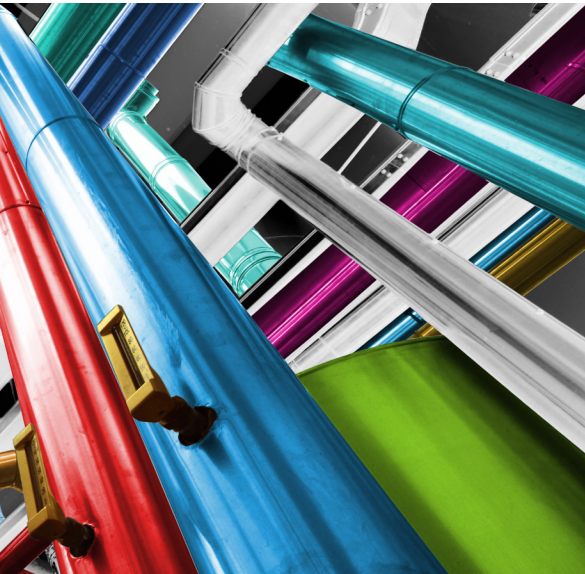
Product	Chemistry	Coating Type	Substrate	Application						Properties			Performance Benefits
				Primers and Resurfacers	Cushion Coats	Finish Coats	Field and Line Markings	Crack Fillers and Patching Compounds	Concrete Topcoats	Solids (%)	pH	MFFT (°C)	
EPS® 2103	All-Acrylic	Basecoat, topcoat	-				●			46.5	8.5-9.5	7	• Strength and flexibility • Dirt pickup resistance • Alkali stability • Flexibility • Low odor
EPS® 2224	All-Acrylic	Topcoat	Concrete, Masonry/Stucco, Metal, Wood				●			58	3.5-5.5	-11 (Tg)	• Dirt pickup resistance • Alkali and water resistance • Adhesion • Flexibility
EPS® 2545	Styrenated Acrylic	Topcoat	Asphalt, Concrete, Exterior Wall, Interior Wall, Masonry/Stucco, Metal, Wood			●				30	9.0-10.0	1	• Early water resistance • Alkali strippable • Temporary markings
EPS® 2719	All-Acrylic	Basecoat, topcoat	Asphalt, Metal	●						55	8.0-8.5	4 (Tg)	• Asphalt bleed-through resistance • Dirt pickup resistance • Adhesion • Excellent toughness with both high tensile strength and elongation
EPS® 2708	All-Acrylic	Topcoat	Concrete, Exterior Wall, Interior Wall, Wood	●		●	●			50	8.0-9.0	20	• High alkali stability • Abrasion resistance • Adhesion, durability and flexibility • Good balance of flexibility and hardness
EPS® 2761	All-Acrylic	Topcoat	Asphalt, Concrete		●					58	8.0	0	• Flexibility and adhesion to rubber fillers
EPS® 2293	All-Acrylic	Sealer, topcoat	Concrete, Masonry/Stucco, Wood					●		40	8.0-9.0	<10	• Blush and chemical resistance • Early water resistance • Exterior durability • Gloss development and retention
RayCryl® 1008	All-Acrylic	Primer, topcoat, sealer	Concrete					●		45	8.5-9.5	16	• Hardness • Dirt pickup and water resistance • Hot tire pickup resistance • Resistant to garage and household chemicals • Blush resistance
RayCryl® 1244	All-Acrylic	Topcoat	Concrete		●	●				50	8.0-9.0	0	• UV resistance • Abrasion resistance • Early blister resistance • Sand retention





				Corrosion Resistance		Block Resistance		Early Water Resistance		Chemical Resistance		Solids (%)		pH		MFFT (°C)	
Product	Chemistry	Substrate	VOC Formulation Capability - g/L	Application				Properties				Performance Benefits					
EPS® 2580	Styrenated Acrylic	CRS Aluminum Galvanized substrates	<50	✓	✓	✓	●	48	8.5-9.0	8-12	• Early hardness development • Early hot block resistance • Adhesion to ferrous and non-ferrous metals • Corrosion and chemical resistance						
EPS® 2585	Styrenated Acrylic	CRS Aluminum Galvanized substrates	<100	✓	✓	✓	●	50	8.5-9.5	18-24	• Hardness and block resistance at low VOC • Corrosion resistance without the use of anticorrosive pigments • Early water resistance						
EPS® 2561	Styrenated Acrylic	Metal (2k applications) Plastic	<100	✓	✓	●	✓	37	6.5-7.3	-	• Corrosion resistance • Adhesion to ferrous and non-ferrous metal substrates, including brass • Lower temperature cure response – as low as 225°F						
EPS® 2513	Styrenated Acrylic	CRS Aluminum Galvanized substrates	<100	✓	●	✓	●	50	8.0-9.0	23	• Corrosion resistance without the use of anticorrosive pigments and additives • High gloss development and good gloss retention • Early water resistance, including water immersion • Adhesion to ferrous and non-ferrous metal substrates						
EPS® 2574	Styrenated Acrylic	Metal Wood Cementitious Plastic	<200	●	✓	✓	●	50	8.0-9.0	53	• Hardness development • Block, print and stain resistance • Early water resistance • Multi-substrate adhesion						
EPS® 2559	Styrenated Acrylic	Metal Wood Cementitious Plastic	<200	●	✓	✓	●	50	7.0-8.0	44	• High gloss • Corrosion resistance • Early water and humidity resistance • Block, mar and print resistance						
EPS® 2540	Styrenated Acrylic	Metal Wood Plastic	<200	✓	●	●	●	50	7.5-8.5	57	• Corrosion resistance without the use of anticorrosive pigments and additives • Gloss development and retention • Adhesion to ferrous and non-ferrous metal substrates • Early water resistance and broad solvent compatibility						

- ✓ Leading Performance
- Competitive Performance

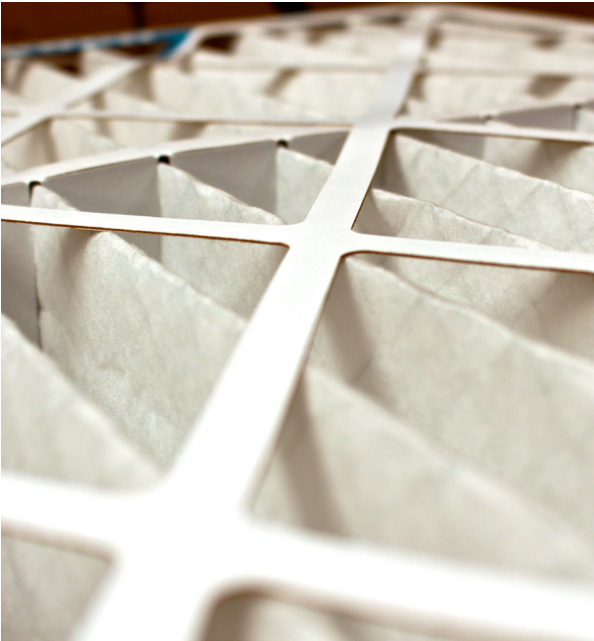




Product	Chemistry	Substrate	VOC Formulation Capability - g/L	Application			Properties			Performance Benefits
				Decking and Flooring	Furniture and Cabinetry	Building Products	Solids (%)	pH	MFFT (°C)	
EPS® 2293	All-Acrylic	Topcoat, sealer	Concrete, Masonry/Stucco, Wood	•			40	8.0-9.0	<10	• Blush resistance • Chemical resistance • Early water resistance • Wet and dry adhesion to wood, tiles, glass and cementitious substrates
EPS® 2426	Styrenated Acrylic	Sealer	Wood		•		50	8.0-9.0	-5 (Tg)	• Reduces water swelling when used in board edge sealers for lumber • Outstanding water resistance • Low water uptake • Low VOC/near-zero VOC capable
EPS® 2436	All-Acrylic	Sealer, topcoat	Wood		•		38	7.5-9.0	37 (Tg)	• Transparency • Chemical resistance • Hardness
EPS® 2460	All-Acrylic	Topcoat	Wood	•	•	•	48	7.8-8.8	5	• Adhesion • Exterior durability • Block resistance • Chemical resistance • Hardness development
EPS® 2533	Styrenated Acrylic	Primer, topcoat	Concrete, Exterior Wall, Interior Wall, Masonry/Stucco, Metal, Wood			•	45.5	7.0-8.0	9	• Exterior durability • Tannin stain block • Water-based and solvent-based ink marker stain block • Multi-substrate adhesion
EPS® 2538	Styrenated Acrylic	Sealer, topcoat	Wood		•	•	40	9.0-10.0	56	• Hardness • Chemical resistance • Blush and yellowing resistance
EPS® 2545	Styrenated Acrylic	Topcoat	Asphalt, Concrete, Exterior Wall, Interior Wall, Masonry/Stucco, Metal, Wood		•		30	9.0-10.0	1	• Early water resistance • Hardness development
EPS® 2550	Styrenated Acrylic	Primer, topcoat	Wood			•	50	7.5-8.5	70	• Hardness • Gloss development • Chemical resistance • Early water resistance
EPS® 2786	All-Acrylic	Primer, topcoat	Concrete, Exterior Wall, Interior Wall, Masonry/Stucco, Wood		•		48	8.5-9.0	21	• Exterior durability • Gloss retention • Dirt pickup resistance • Same-day hot block resistance • Near-zero VOC capable
EPS® 4203	Acrylic Modified Polyurethane Dispersion	Sealer, topcoat	Wood		•		39	7.5-8.5	23	• Abrasion and stain resistance • Hardness • Alcohol and household cleaners resistance
EPS® 4216	Oxidizable Polyurethane Dispersion	Sealer, topcoat	Wood	•			33	7.7-8.7	<5	• Fast dry • Finished hardness • Water and humidity resistance • Multi-substrate adhesion
RayCryl® 708E	Acrylic	Sealer, topcoat	Wood		•		50	9.0-10.0	12	• Water resistance • Hardness • Exterior durability • UV resistance
RayCryl® 718I	Acrylic	Primer, topcoat	Wood			•	49	8.5-9.5	16	• Block, water and alkali resistance • Adhesion
RayKote® 1610	Styrenated Acrylic	Primer, sealer	Metal, Wood		•		50	8.5-9.5	7	• Multi-substrate adhesion • Water resistance



Product	Chemistry	Application					Properties			Performance Benefits
		Arts & Crafts	Graphic Arts	Nonwovens & Textiles	Specialty Products		Solids (%)	pH	Tg (°C)	
EPS® 2574	Styrenated Acrylic	•					50	8.0-9.0	53 (MFFT)	• Rapid block resistance • Hardness • Stain resistance
EPS® 2775	All-Acrylic	•					50	8.5-9.0	13 (MFFT)	• Non-yellowing • Excellent mechanical and UV durability • Excellent multi-substrate adhesion • No intentionally added APEO surfactants • No intentionally added fluorosurfactants • Capable of near-zero VOC formulations • Capable of meeting ACMI approval
RayCryl® 1837	All-Acrylic			•			50	3.5-4.5	41	• Self-crosslinking and carboxyl group • Hard and stiff all-acrylic emulsion • Accepts high filter loading and flame retardants
RayCryl® 1856	All-Acrylic			•			55	3.5-4.5	36	• Self-crosslinking and carboxyl group • Excellent foamer • Compatible with fillers such as clay, starch or calcium carbonate
RayCryl® 1859	All-Acrylic			•			55	3.5-4.5	7	• Self-crosslinking and carboxyl group • Medium flexible film • Compatible with clay, starch or calcium carbonate • Outstanding UV resistance and film clarity
RayRez® 66	Styrenated Acrylic		•				46	8.5-9.5	30	• Ideal for flexographic and rotogravure printing inks • Rub resistance • High gloss and transparence • Resolubility • Ink transfer
EPS® 9147	Low-VOC Coalescent				•		>99.1	-	-	





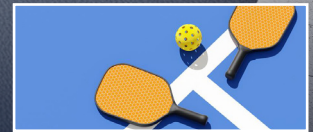
1 Roof Coatings



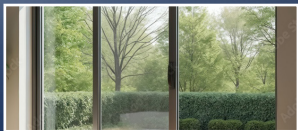
2 Industrial Wood Coatings



3 Specialty Products



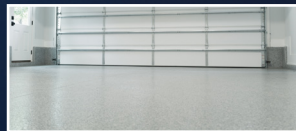
4 Sport Court Coatings



5 Direct-to-Metal Coatings



6 Architectural Coatings



7 Concrete Coatings



8 Vinyl Flooring Adhesives

EPS operates across the U.S., Europe and China from its headquarters in Marengo, Illinois — delivering cutting-edge solutions driven by industry-leading R&D and a commitment to excellence.

Our unparalleled North American manufacturing network, featuring six polymer and two colorant plants located across the United States, enhances supply chain efficiency and enables swift product scale-up, giving our customers the agility to meet evolving market demands.

MANUFACTURING LOCATIONS

UNITED STATES

Commerce, CA	Marengo, IL
Woodburn, OR	South Holland, IL
Garland, TX	Chester, SC
Rockford, IL	Williamsport, MD

EUROPE

H.I. Ambacht,
The Netherlands

CHINA

JingAn District,
Shanghai Foshan,
Guangdong



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