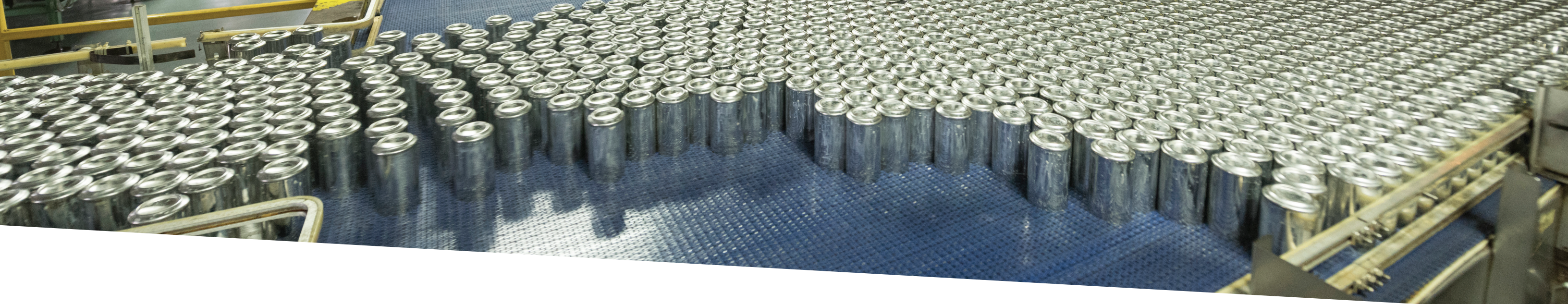




UV-CURABLE 2PC BEVERAGE CAN RIM COATING

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SHERWIN-WILLIAMS®



UV-CURABLE RIMCOAT PERFORMANCE COMPARISON

	980-5005	51U20AA	NEW 51U30AA	COMPETITIVE ACRYLATE
Commercial Status	Commercial	Commercial	Commercial	Commercial
MATERIAL HANDLING				
Odor	Green	Green	Green	Green
Skin Hazard	Green	Green	Green	Red
Mixing/Separation	Yellow	Green	Green	Green
Shelf Stability	Green	Green	Green	Green
BASIC PERFORMANCE PROPERTIES				
Abrasion Resistance	Green	Green	Green	Red
Pasteurization Resistance (45 min @ 82 °C)	Green	Green	Green	Yellow
Retort Resistance (30 min @ 130 °C)	Yellow	Green	Green	Red
Application + Coverage	Green	Green	Green	Green
Flexibility (Reforming)	Green	Green	Green	Yellow
Hardness/Tg	Green	Green	Green	Green
CAN MOBILITY				
Coefficient of Friction (COF)	Green	Green	Green	Green
Slide Angle Mobility	Green	Green	Green	Green
Can Throughput/Line Speed	Green	Green	Green	Green
Abrasion Resistance (Taber)	Green	Green	Green	Green
CAN MAKER VALUE ADDS				
Cure Latitude	Green	Green	Green	Green
Commercial Roller Wear	Green	Green	Green	Yellow
Clean Up	Green	Green	Green	Green
VOC Content	Green	Green	Green	Green
PTFE/PFA Content	Red	Red	Green	Red

FEATURES AND BENEFITS

- UV-curable epoxy hybrid technology
- Increases manufacturing productivity, reduces downtime and provides higher line speeds
- Better adhesion, pasteurization resistance and retort resistance compared to UV acrylate technologies
- Simple equipment retrofit with minimal footprint
- Significantly improves can mobility during conveyance and filling
- 10x more reduction in can bottom coefficient of friction
- Maintains adhesion during can manufacture, reform, filling and pasteurization processes
- Easy detection and quality checks via black light
- Excellent adhesion and non-flaking
- Very low VOC, high solids, minimal film shrinkage



For more information, email us at PackagingMarketing@sherwin.com

UV-CURABLE 2PC BEVERAGE CAN RIM COATING

At Sherwin-Williams, our packaging coatings protect and advance the design and heritage of many of the world's best known brands. Whether your goal is to create a new package design for food, beverage or household products, meet ever-changing regulatory challenges or enhance the sustainability of a package, you can count on us to develop and deliver innovative custom coating solutions and provide the technical expertise and support you need. We are Sherwin-Williams Packaging Coatings, and we are passionate about enabling the success of your package and brand.

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