



## Technical Data Sheet

### UCGC93892 Dye Sublimation – Clear Coat

**Description:** *UCGC93892, Dye Sublimation Clear* is a thermosetting powder coating based on a high quality polyurethane resin/binder system, which is designed for interior or exterior applications.

Outstanding weather resistance, Suitable for products permanently exposed to sunlight, Exceptional smoothness, Ultra crystal clear, Suitable for dye sublimation at elevated temperatures of 400<sup>o</sup>f.

**Typical Applications:** Decorative finishes

<b>Typical</b>	Film Thickness (ASTM D)	2.0 -3.0 mil
<b>Physical Properties:</b>	Gloss 60'angle (ASTM D-523-89)	98%
	Hardness (ASTM D-3363-92A)	2H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5b (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	160/160 inch-lb.
	Exterior Durability	Excellent
	Salt Spray (ASTM B117)	1,000Hrs+ < 3mm
	Specific Gravity	1.20±0.03

**Application Data:** *UCGC93892, Dye Sublimation Clear* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

**Cure Schedules:** *UCGC93892, Dye Sublimation Clear* can be cured in a direct or indirect gas convection oven, an electric oven, or an Infra-red. A combination of any of these ovens is also suitable.

Standard Cure: 10 Minutes @ 400°F Peak Metal Temperature

**Storage:** Product should be stored at temperatures below 80<sup>o</sup>f, in a dry area away from any heat source.

**Notes:**

Please refer to the MSDS for safety information.

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